# Podsquad

# **Privacy Impact Assessment Report**

7 September 2023

#### NOTE:

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If you are unsure whether to complete a Privacy Impact Assessment (PIA), you can complete the screening questions in OIC's <u>Threshold Privacy Assessment</u>. If you answer yes to any of the questions, the project will benefit from a PIA.

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### **Document information**

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### **Endorsement and approval**

#### Project manager:

I recommend the project proceeds as proposed in this document.

Name:	Joanna Munro		
Position:	Director – Prevention Systems		
Signature	Jemuno	Date:	15 September 2023

#### The following officer/s have **endorsed** this document:

Name:	Jennifer Kenny		
Position:	Director – Business and Governance		
Signature	Amm	Date:	19/09/2023
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### Project Executive/Steering Committee/senior management:

I **agree** to the project proceeding as proposed in this document.

Name:	Mark Tuohy		
Position:	Chief Operating Officer		
Signature	Marting	Date:	20/10/2023
Comments	:		

# 1 Introduction

### 1.1 Purpose

This Privacy Impact Assessment (PIA) Report:

- identifies possible impacts on the privacy of individuals' personal information; and
- recommends options for mitigating or minimising any negative impacts.

### 1.2 Applicable legislation

This PIA analyses the privacy impacts of collecting, storing, using and disclosing personal information for the purposes of Podsquad against the privacy principles set out in the *Information Privacy Act 2009* (Qld) (IP Act).

### **1.3 Project description**

The project aims to develop, deliver and evaluate Podsquad – a free, play-based wellbeing program that supports children and families as they build healthy habits together. The Podsquad app provides a universally available program targeting child obesity prevention.

The draft *Making Healthy Happen 2023–2032 Strategy* and *Strengthen Action Plan 2023-2026* delivers a comprehensive plan to address obesity and ease the burden on the state's health system. Podsquad delivers against the *Strengthen 2023-2026 Action Plan* under:

- Ambition 2: Empower people to stay healthy
  - Priority 4: Empower children, young people, families and adults to support healthy behaviours
    - Action 4.4, Develop, co-design, and promote Podsquad, a play-centric web and app-based wellbeing program to support children and families build healthy eating, physical activity, and sleep habits together.

Podsquad also contributes to priorities under Ambition 3: Enable access to prevention, early intervention and supportive healthcare.

Podsquad benefits the community by providing families with a trusted source of health information, delivered in a way that is engaging for children and practical for parents. Foundational research and co-design activities determined the features and priorities of Queensland families, and family input has guided decision making at every step in Podsquad's development. Podsquad also benefits Queensland's health professionals by providing an evidence-informed, universally available referral and waitlist option for families in their care. A broad range of health professionals have been consulted throughout the development of the program.

### 1.4 Scope of the PIA

The PIA covers the development of the first release of the Podsquad as an app for Apple and Android devices.

#### 1.5 Review

The PIA will be reviewed every 12 months or if significant changes are made to the program, particularly with regards to the capture, storage, or use of personal information.

# 2 Personal information flows

This section explains how personal information will flow through the agency's systems and processes as a result of the output or deliverable to be produced by the project. It describes:

- what personal information will be collected and how it will be used and disclosed
- who will have access to it; and
- how it will be stored and protected.

Business process/activity	Components of personal information	Collection	Storage	Use	Disclosure
A parent/carer creates an account on the app	<ul> <li>Parent/carer's first name</li> <li>Parent/carer's email address</li> <li>Parent/carer's email address</li> <li>Parent/carer's postcode</li> <li>Child's first name</li> <li>Child's date of birth</li> <li>Child's Indigenous status</li> <li>Parent/carer responses to an onboarding questionnaire about their child, comprising 11 questions or statements regarding current diet, physical activity and sleep behaviours, which informs the recommended goals for the child</li> <li>Child's self-reported progress on goals.</li> </ul>	Collected from parents/carers through the app, which is managed by GrowthOps Khemistry Pty Ltd (GrowthOps) on behalf of HWQId.	Stored on Amazon Web Services (AWS), AP- Southeast- 2 Region, Sydney, Australia. The technology solution, including all transfer of information, is managed by GrowthOps on behalf of HWQId. Currently, information is stored indefinitely unless the user deletes their account.	<ul> <li>Used by GrowthOps on behalf of HWQld to:</li> <li>Create a secure family account</li> <li>Deliver a personalised experience in the app, which is central to the app's intention to support family-based behaviour change in alignment with the family's goals</li> <li>Deliver a personalised experience through email updates (core component of the program's design)</li> <li>Deliver push notifications (only if the parent/carer 'opts in' for this feature) to remind you of game progress and current quest completion.</li> <li>De-identified information may be used by HWQld for reporting, program evaluation, and quality improvement.</li> </ul>	Not disclosed. HWQld will not share the users' name or contact details with anyone without their consent. Unless otherwise stated in these conditions of use, no attempt will be made to identify users or users' activities.

A parent/carer provides feedback through the feedback form on the app	<ul> <li>Parent/carer's email address</li> <li>Parent/carer's mobile phone number (optional)</li> <li>Feedback message (free text)</li> </ul>	Collected from parents/carers through the app, which is managed by GrowthOps on behalf of HWQld.	Information collected by the mobile app is sent via an encrypted connection to the API/backend where it is stored. The information is then sent via email using the secure AWS servers to HWQId at the address podsquad@hw.qld.gov.au . HWQId emails are stored in accordance with HWQLD POL-014.	<ul> <li>Used by HWQld to:</li> <li>Receive feedback</li> <li>Provide a response to the parent/carer if requested.</li> </ul>	Not disclosed. HWQld will not share the users' name or contact details with anyone without their consent. Unless otherwise stated in these conditions of use, no attempt will be made to identify users or users' activities.
A parent/carer sends an email to <u>podsquad@hw.qld.gov.a</u> <u>u</u> or <u>info@hw.qld.gov.au</u>	<ul> <li>Parent/carer's email address</li> <li>Email message (free text)</li> </ul>	Received from parents/carers to HWQld as an email.	HWQId emails are stored in accordance with HWQLD POL-014.	<ul> <li>Used by HWQld to:</li> <li>Receive feedback</li> <li>Provide a response to the parent/carer if requested.</li> </ul>	Not disclosed. HWQld will not use users' personal information to compile a mailing list or for marketing purposes. HWQld will not disclose these details to third parties without users' consent.
A parent/carer volunteers to participate in 'Podsquad – Study 1' by responding to the recruitment pop-up in the app or the email reminders	<ul> <li>Parent/carer's first name</li> <li>Parent/carer's email address</li> </ul>	Collected from parents/carers who consent to participate. The user's first name and email address will be emailed to <u>healthyfamilies@uq.edu.au</u> , accessible by limited members of the UQ research team at the Health and Wellbeing Centre for Research Innovation (a collaborative research centre between HWQId and UQ). Parents/carers complete a consent form under a separate privacy policy as per the approved research ethics protocol.	Data extracted from the program for those users who consent to research will be stored in UQ's Research Data Manager (RDM) system under a dedicated record. All extracted data will be collected and stored in a potentially identifiable manner, including postal code, email address and mobile phone number. Re-identified data collected from the surveys administered via Qualtrics® will be downloaded at regular intervals and stored in	Used by UQ on behalf of HWQld for research, only when individuals 'opt in' to participate in the research study led by The University of Queensland, which has received ethics approval. Participants can withdraw their consent to participate at any time.	Not disclosed. HWQld and UQ will not share the users' name or contact details with anyone without their consent. Unless otherwise stated in these conditions of use, no attempt will be made to identify users or users' activities.

UQ's RDM system. All
data will be collected and
stored in an identifiable
manner in a separate
UQRDM with limited
access. An individual
participant ID code will be
utilized to ensure that a
data set is produced
which is de-identified. All
participant information will
be kept strictly
confidential. Only
researchers directly
involved in the study and
listed on ethics approvals
will be allowed to access
the de-identified
participant dataset. All
study material will be
electronically archived at
completion of the study on
UQ's RDM system.
Records will be retained
in accordance with the
obligations under the
Public Records Act 2002
and associated State
policies, retention and
disposal schedules and
other official advice
issued by the Queensland
State Archives' State
Archivist
https://www.qld.gov.au/dsi
ti/qsa.
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### Access to the information

GrowthOps is a bound service provider and must comply with the Privacy Principles of the *Information Privacy Act 2009* as per Clause 15 of the Comprehensive Contract Conditions – ICT Products and Services.

GrowthOps staff manage the Podsquad database and technology stack (see Figure 1) on behalf of HWQld. Access to information is with a 'need-to-know' requirement. Limited members of the development team at GrowthOps will have access to the database files; these staff have the requisite permissions and safeguards (e.g. two-factor authentication) in place. Vendor confidentiality agreements are also in place. Unencrypted database files, which are required for the functioning of the program, are protected with multiple layers of security.

HWQld will request from GrowthOps a copy of the program's source code and de-identified data files with each significant app release milestone or quarterly at a minimum. Limited members of HWQld will have access to this information for the purpose of keeping a secure record on Content Manager.

#### Information storage and protection

The data will be stored within a secure, password protected and encrypted database on a server with Amazon Web Services (AWS), AP-Southeast- 2 Region, Sydney, Australia. Data will also be encrypted as it is sent from the individual's device to the API/database, and backup files will also be encrypted.

A secure record of source code and de-identified data will be kept at HWQld on Content Manager. Access will be limited through access control groups with a 'need-to-know' requirement, with groups audited on a monthly basis.

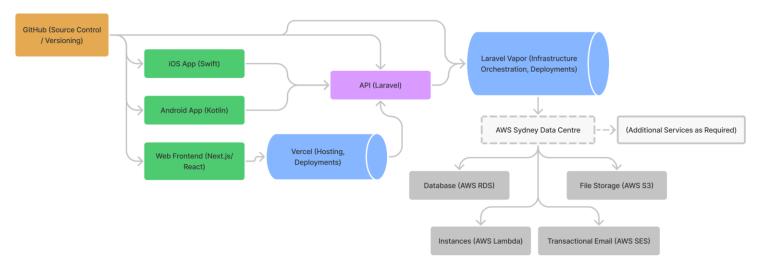


Figure 1. Podsquad technology stack diagram

# 3 Risk analysis

## 3.1 Privacy risks

Privacy principles         Proposed information handling practices         Ident	ntified risks
<ul> <li>Collection (IPPs 1 to 3)</li> <li>Collect only that personal information necessary for or required to fulfil a purpose that is directly related to a function or activity of your agency.</li> <li>Obtain it lawfully and fairly and in</li> </ul>	Individuals are not aware of how their personal information will be used, or to whom it will be routinely disclosed, which can lead to a lack of trust. Collection notices are not consistently provided, for example, across all communication channels.

	children 5-12 years, and their families, parents/carers consent on the child's behalf.	
	While the best user experience is delivered when users input their correct data, users can choose to input any data during the account registration process (e.g. pseudonyms, incorrect birth dates, incorrect postcodes). Hence, there is an option to be unidentifiable. Users are not required to verify their identity.	
	Users could choose to incorrectly answer the questions in the onboarding questionnaire. The only consequence would be that the recommended goals may not be relevant to the user. However, the user can choose to swap the recommended goals, so they can still receive the benefits of the app regardless of how they respond to the questionnaire.	
	Users can also delete their account, which deletes their data from the Podsquad database.	
	Podsquad's privacy statement is hosted on the HWQld website and is available to all users through the Apple and Google app stores at any time, including prior to downloading the app and creating an account. The privacy statement clearly describes:	
	<ul> <li>The identity and contact details of the collecting agency, GrowthOps</li> <li>The fact that the individual is able to gain access to the information</li> <li>The purposes for which the information is collected.</li> </ul>	
	It is unlikely that users will be upset by the way in which their personal information will be collected or used. It is apparent through using the app that information collected is used for personalisation.	
Storage and security (IPP 4)	Operational controls:	The system does not log who has accessed a file, making it difficult
Make sure personal information     is protected by appropriate	<ul> <li>Limiting access to Content Manager, through access control groups with a 'need-to-know' requirement, with groups audited on a monthly</li> </ul>	to detect or investigate unauthorised access or misuse.
security safeguards to prevent it being lost, accessed improperly, misused, modified or disclosed.	<ul> <li>basis.</li> <li>Managing the data in accordance with organisational policies regarding information privacy (HWQLD POL-012) and records</li> </ul>	Personal and confidential information is kept for longer than required under approved retention
If giving the information to a third party, take reasonable steps to prevent its unauthorised use or disclosure.	<ul> <li>management (HWQLD POL-014).</li> <li>Ensuring mandatory training, including Code of Conduct training, is completed for any HWQld staff member working on the program.</li> <li>GrowthOps is responsible for managing the program, including data, in accordance with the contracted agreement between the agencies,</li> </ul>	and disposal schedule/s.

	<ul> <li>and as per their organisational policies and procedures. Relevant GrowthOps policies include the Access Control Policy, Acceptable Use Policy, Privacy Policy, Incident Response Policy and Plan, Data Breach Response Plan, Disaster Recovery Plan and Business Continuity Plan.</li> <li>GrowthOps is responsible for ensuring staff working on the program have completed mandatory training, including security awareness training.</li> </ul>	
	Technical controls:	
	<ul> <li>Data will be stored within a secure, password protected and encrypted database on a server with Amazon Web Services (AWS), AP-Southeast- 2 Region, Sydney, Australia</li> <li>Data will also be encrypted as it is sent from the individual's device to the API/database, and backup files will also be encrypted.</li> <li>Other security measures in place include API authentication keys and user-scoped permissions.</li> <li>De-identified data will be extracted and stored by HWQld on Content Manager and only be accessible to HWQld staff with a 'need-to- know' requirement.</li> <li>There are no additional audit logging features or review processes configured in the system.</li> </ul>	
	API penetration testing was completed by an external service provider in November 2022. All identified issues were addressed, and confirmation was provided by the external service provider in March 2023 that no further action was required prior to launch. Podsquad has a testing environment that uses dummy data.	
<ul> <li>Openness, access and amendment (IPPs 5 to 7)</li> <li>Inform the public about what types of personal information you hold and how it is used and how to request access to or amendment of documents containing their personal information.</li> </ul>	There are no Podsquad documents containing personal information. Users can make an application for access to their personal information from the Podsquad app database as per HWQLD POL-012 Information Privacy. Data can be obtained from GrowthOps as per the contract between the agencies Currently, registered email account, postcode and users' date of birth cannot be changed once an account is set up. However, the parent/carer who registered the account can delete the account, removing all personal information from the program's database.	Incomplete, inaccurate or outdated information leads to incorrectly informed decisions, which in turn may have a negative impact on program evaluation and quality improvement.

<ul> <li>Use and disclosure (IPPs 8 to 11)</li> <li>Use information only for the purpose for which it was collected unless one of the exemptions in the IP Act permits it.</li> <li>Take reasonable steps to make sure the information is accurate, complete and up to date before you use it.</li> <li>Only use the parts of the personal information that are necessary to fulfil the purpose.</li> <li>Do not disclose personal information to anyone other than the individual who is the subject of it, unless one of the exemptions in the IP Act permits it.</li> </ul>	Personal information will not be disclosed to any outside agency. Personal information is not used for any secondary purposes. If a request is made to use or disclose personal information for a secondary purpose, the request will be considered in alignment with the IP Act. The project's Executive Sponsor, Senior Responsible Officer, and Business and Governance team will be consulted with regards to the request to ensure compliance. Users are responsible for inputting accurate information into the app. Doing so will provide the best possible user experience and supports the users' intention to improve their family's health and wellbeing by using the app. HWQld will not check the accuracy of personal information given by any user. Accurate information, while beneficial, is not mandatory to use the program. Personal information is unlikely to change over time. Names, responses to the onboarding questionnaire, and goals can be changed at any time. Currently, registered email account, postcode and users' date of birth cannot be changed directly in the app once an account is set up. However, the parent/carer who registered the account can either: • Use the feedback form in the app, or the <u>podsquad@hw.qld.gov.au</u> email address, to request a change to their account details; or	Incomplete, inaccurate or outdated information leads to incorrectly informed decisions, which in turn may have a negative impact on program evaluation and quality improvement.
<b>Transfer of personal information</b> <b>outside Australia (section 33)</b> Do not transfer personal information	delete their account and create a new account.  Personal information will not be transferred outside Australia. All data collection and storage systems are physically located in Australia and data is not routed outside Australia at any stage of the data transfer process, unless the user is using Podsquad on their device while outside Australia.	None identified
<ul> <li>outside Australia unless:</li> <li>the individual agrees to the transfer</li> <li>there is legal authority for the transfer</li> <li>it is necessary to prevent or lessen a serious threat to life, health, safety or welfare; or</li> </ul>		

<ul> <li>at least two of the criteria in section 33(d) of the IP Act are satisfied.</li> </ul>		
<ul> <li>Use of contracted service providers (chapter 2, part 4)</li> <li>Take all reasonable steps to bind a contracted service provider to compliance with the privacy principles.</li> </ul>	<ul> <li>HWQld contracted the services of an external service provider, GrowthOps, to develop and maintain Podsquad on its behalf. GrowthOps are listed on the Queensland Government Standing Offer Arrangements panel for creative solutions services. A comprehensive ICT contract was established between the parties, which addresses privacy requirements including the use of sub-contractors and mandatory reporting of breaches.</li> <li>Extensive support was sought from Clayton Utz, an external legal service experienced in comprehensive ICT contracts, to ensure the contract sufficiently addressed the requirements and risks of the Podsquad program.</li> <li>BDO Services Pty Ltd provided external ICT expertise on the contract and the program, as an added level of quality assurance.</li> </ul>	None identified

## 3.2 Risk ratings

#	Identified privacy risk	Consequences for the contracted service provider	Likelihood	Risk rating
1	Individuals are not aware of how their personal information will be used, or to whom it will be routinely disclosed, which can lead to a lack of trust.	Moderate	Unlikely	Low
2	Collection notices are not consistently provided, for example, across all communication channels.	Minor	Unlikely	Low
3	Incomplete, inaccurate or outdated information leads to incorrectly informed decisions, which in turn may have a negative impact on program evaluation and quality improvement.	Minor	Unlikely	Low
4	The system does not log who has accessed a file, making it difficult to detect or investigate unauthorised access or misuse.	Moderate	Unlikely	Low
5	Personal and confidential information is kept for longer than required under approved retention and disposal schedule/s.	Minor	Unlikely	Low

# 4 Actions to address the identified privacy risks

#	Identified privacy risk	Existing controls that contribute to managing the identified risk	Recommended actions	Comments
1	Individuals are not aware of how their personal information will be used, or to whom it will be routinely disclosed, which can lead to a lack of trust.	Program-specific privacy statement is currently available through the app stores and program website.	Update the privacy statement to more comprehensively address aspects covered in the PIA.	n/a
2	Collection notices are not consistently provided, for example, across all communication channels.	Privacy statement is available through the app stores and program website.	Link to privacy statement from relevant communications channels e.g. automated emails, within the app's settings, and the webpage for clinicians on the HWQId website.	n/a
3	Incomplete, inaccurate or outdated information leads to incorrectly informed decisions, which in turn may have a negative impact on program evaluation and quality improvement.	Users are asked for minimal personal information, and where possible in the user journey, the program provides context regarding why this data is being requested. This supports the likelihood of accurate information being provided.	Continue to conduct additional co-design, research and evaluation activities, so not to be overly reliant on information gathered through the program for evaluation and quality improvement purposes.	n/a
4	The system does not log who has accessed a file, making it difficult to detect or investigate unauthorised access or misuse.		Conduct penetration testing at least annually, or when significant changes are implemented.	n/a
			Explore auditing and logging capabilities/mechanisms with GrowthOps.	
5	Personal and confidential information is kept for longer than required under approved retention and disposal schedule/s.	Users can delete their profile, removing all personal information from the database.	Implement a system to de-identify user information and retain for research and reporting purposes, after a one-year period of inactivity.	n/a

# **5** Stakeholder consultation

The following stakeholders were consulted in undertaking this PIA:

Stakeholder	Internal/External	Scope of consultation	Method	Results
HWQld Business and Governance team	Internal	Input and review on all aspects of the PIA	Meetings, email	Collaborative review and revisions to ensure clarity and completeness of information.
GrowthOps Khemistry Pty Ltd	External	Sought technical information for responses	Email	<ul> <li>GrowthOps provided information regarding:</li> <li>How long information is stored for, and options for handling inactive user accounts;</li> <li>How information is transferred to HWQld when a user submits feedback through the app;</li> <li>What happens when a user deletes their account through the app;</li> <li>Whether users can edit or gain access to their personal information;</li> <li>Whether information is used for any secondary purpose;</li> <li>Relevant operational and technical controls regarding data security; and</li> <li>Whether personal information is transferred outside Australia.</li> </ul>
Queensland Health - Privacy and Right to Information (PRTI) Unit	External	Determining whether PRTI could provide an external review of this PIA	Email	PRTI are unable to review the PIA. PRTI only reviews PIAs for the Department of Health or for a statewide system. HWQld is an independent statutory body and thus is not eligible for assistance from PRTI. PRTI provided guidance on templates HWQld can use, and recommended contacting the Office of the Information Commissioner Queensland regarding their capacity to provide an external review or advice.
Office of the Information Commissioner Queensland	External	Sought general review	Email	Provided comments for guidance in response to a draft version of the PIA.

# 6 PIA outcomes

### 6.1 Agreed recommended actions

#	Recommendation	Agreed Y/N
1	Update the privacy statement to more comprehensively address aspects covered in the PIA.	Y
2	Link to privacy statement from relevant communications channels e.g. automated emails, within the app's settings, and the webpage for clinicians on the HWQId website.	Y
3	Continue to conduct additional co-design, research and evaluation activities, so not to be overly reliant on information gathered through the program for evaluation and quality improvement purposes.	Y
4	Conduct penetration testing at least annually, or when significant changes are implemented.	Y
5	Explore auditing and logging capabilities/mechanisms with GrowthOps.	Y
6	Implement a system to de-identify user information and retain for research and reporting purposes, after a one-year period of inactivity.	Y

## 6.2 Action plan

#	Actions to be taken	Responsibility for action	Date for completion
1	Update the privacy statement to more comprehensively address aspects covered in the PIA.	Project Lead	1 October 2023
2	Link to privacy statement from relevant communications channels e.g. automated emails, within the app's settings, and the webpage for clinicians on the HWQId website.	Project Lead	1 December 2023
3	Continue to conduct additional co-design, research and evaluation activities, so not to be overly reliant on information gathered through the program for evaluation and quality improvement purposes.	Project Lead	Ongoing
4	Conduct penetration testing at least annually, or when significant changes are implemented.	Project Lead	Annually
5	Explore auditing and logging capabilities/mechanisms with GrowthOps.	Project Lead	1 December 2023
6	Implement a system to de-identify user information and retain for research and reporting purposes, after a one-year period of inactivity.	Project Lead	6 July 2024

## 6.3 Contact point for future enquiries

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Business unit:	Prevention Systems		
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File name/reference:	File name/reference: HWQLD/20/235-8		