

## Declaration

I, [Student Name], declare that this assignment, titled [Assignment Title], is my own original work and has not been copied from any other source except where explicitly acknowledged. I have not engaged in plagiarism, collusion, or any other form of academic misconduct in the preparation and submission of this assignment. All sources of information and data used in this assignment have been properly cited and referenced in accordance with the prescribed guidelines. I have not used unauthorized assistance in the preparation of this assignment and have not allowed any other student to copy my work. I am aware that any breach of academic integrity may result in disciplinary action as per the [policies of Monash University](#), which may include failing this assignment or the course, and further academic penalties.

Signature: \_\_\_\_\_ yuanji li \_\_\_\_\_

Date: \_\_\_\_\_ 14/8/2025 \_\_\_\_\_





## Github Check

Enter your Github details here.

Github Username <i>Enter your username here</i>	aprlee
Repository Shared? <i>Have you started and shared your assignment repository with your tutor yet?</i>	yes

## Self-Evaluation

Rate your performance for each criteria. Put a  (tick) in the box where you think your work belongs.

Criteria	Exceeds Expectations	Meets Expectations	Needs Improvement	Fail to meet expectations
Executive Summary				
User Personas				
Sitemap				
Wireframes/Low-fidelity Prototype				

## Section 1: Executive Summary

The project delivers a responsive web application that meets young users where they already are—on mobile—while offering a safe, supportive pathway from self-reflection to peer connection and, when needed, professional support. The platform positions “journaling” not as a standalone feature but as the emotional entry point and data spine for the entire experience: each diary entry begins with a quick mood check-in, enabling personalized insights, timely content, and smart referrals.

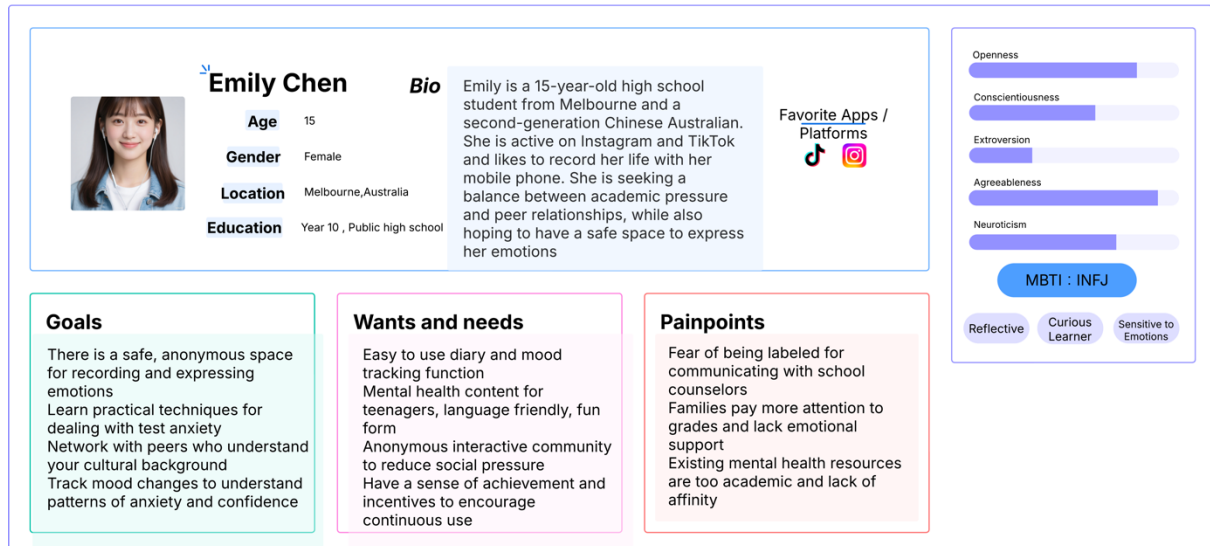
The primary audience is young people aged roughly 13–24, spanning secondary and tertiary students and early-career youth. Secondary stakeholders include caregivers and educators (who benefit from resources and guidance), trained volunteers/counsellors (who provide supportive responses and triage), and NFP administrators (who need oversight, safety controls, and impact reporting). All experiences are designed with privacy, consent, and accessibility in mind so users can share on their terms (private, semi-anonymous, or public) and access support without fear of judgment.

The application’s goals are to:

1. Build healthy self-awareness through mood-linked journaling and visual trends;
2. Provide bite-sized, evidence-informed psychoeducation that appears exactly when it’s useful (e.g., exam stress tips during peak periods);
3. Enable warm, semi-anonymous peer support with clear community guidelines and crisis-aware safeguards;
4. Bridge online reflection to offline help via a map-based directory of nearby, low- or no-cost services and activities;
5. Protect users with safe-by-design patterns (moderation cues, crisis banners, reporting flows) and transparent data practices;
6. Equip the NFP with light-touch admin tools for content oversight, volunteer coordination, and anonymized impact metrics;
7. Encourage sustained engagement through gentle, pro-social gamification (e.g., “Sunshine Giver” badges for supportive comments).

## Section 2: User Personas

### User Persona 1 – Emily Chen



### Demographics

Emily is a 15-year-old high school girl from Melbourne, Australia. She is a second-generation Chinese-Australian. She studies in Year 10 at a public school and is active on Instagram and TikTok. She likes to record life moments with her mobile phone. She is striving to find a balance between academic pressure and relationships with her peers, and hopes to have a safe space to express her emotions.

### Goals and Needs

Having a safe and anonymous space to record and express emotions.

Learning practical skills to deal with exam anxiety.

Establishing connections with peers who understand her cultural background.

Understanding the patterns of anxiety and confidence changes through emotion tracking.

### Pain Points

Worried about being labeled when communicating with school counselors.

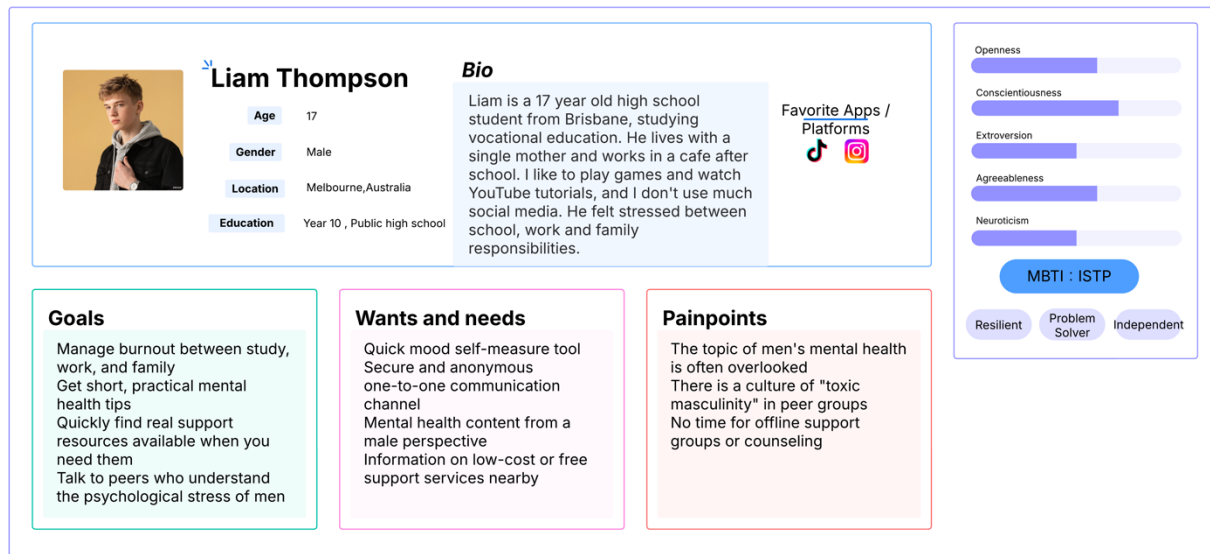
The family pays too much attention to grades and lacks emotional support.

The existing mental health resources are overly academic and lack friendliness.

### How the Web Application Will Help

The platform will offer simple and user-friendly diary and emotion tracking tools, allowing Emily to choose to save privately or share anonymously to the "Diary Square", and find users with similar experiences through tags. At the same time, it will provide mental health education content for teenagers in an easy-to-understand language and illustrated form. The anonymous interaction community reduces social pressure, and the gamification incentive mechanism (such as continuous 打卡 badges) helps her maintain participation.

## User Persona 2 – Liam Thompson



### Demographics

Liam is a 17-year-old high school boy, from Brisbane, studying in the vocational education program (Year 12). He lives with his single mother and works at a coffee shop in his spare time. Liam enjoys playing games and watching YouTube tutorials. He rarely uses traditional social media, but he feels a strong sense of responsibility towards reality.

### Goals and Needs

Manage the exhaustion caused by managing responsibilities such as study, work and family.  
Obtain brief and practical mental health advice.  
Quickly find available support resources when feeling stressed.  
Communicate with peers who understand male psychological stress.

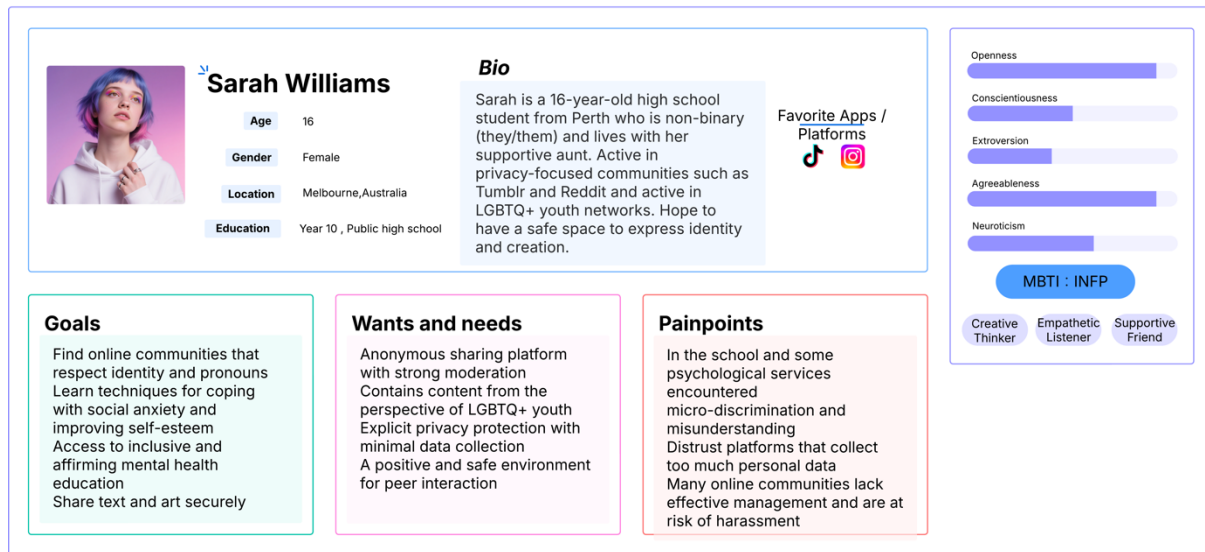
### Pain Points

The issue of male mental health is often overlooked.  
There is a "toxic masculinity" culture among the same-aged group, which is not conducive to emotional expression.  
There is no time to participate in offline support groups or seek counseling.

### How the Web Application Will Help

The platform will offer a quick emotion self-assessment tool to help Liam understand his mental state within a few minutes, and through map navigation, find nearby low-cost or free mental health services, including youth programs for men. The anonymous one-on-one chat function enables him to express his emotions without the pressure of having a companion. The platform will also provide mental health content from a male perspective to help break stereotypes.

## User Persona 3 – Sarah Williams



### Demographics

Sarah is a 16-year-old high school student from Perth. She identifies as non-binary (they/them) and lives with her supportive aunt. She is active in privacy-focused communities such as Tumblr and Reddit, and actively participates in the LGBTQ+ youth network. She hopes to have a safe space to express her identity and create.

### Goals and Need

Search for online communities that respect identities and pronouns.  
 Learn techniques to deal with social anxiety and enhance self-esteem.  
 Obtain inclusive and affirming mental health education.  
 Share written and artistic works safely.

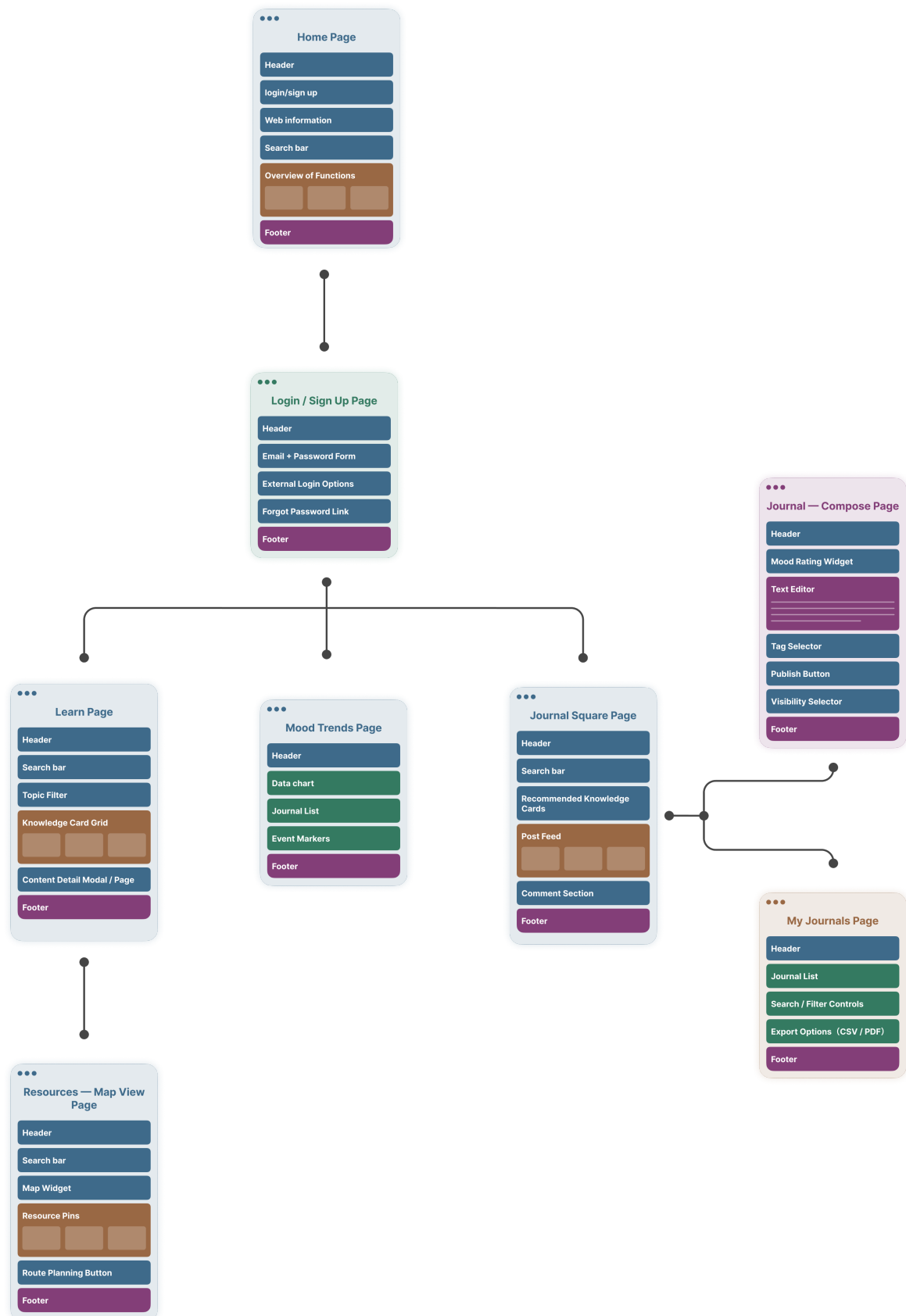
### Pain Points

Have experienced micro-discrimination and misunderstandings in schools and some mental health services.  
 Have distrust towards platforms that collect excessive personal data.  
 Many online communities lack effective management and pose risks of harassment.

### How the Web Application Will Help

The "Diary Square" feature of the platform enables Sarah to safely post text, artworks or poems, with a strict review system and automatic blocking mechanism in place to prevent harassment. Identity-affirming resources produced in collaboration with LGBTQ+ youth organizations help her acquire relevant knowledge. The platform's design adheres to the principle of prioritizing privacy, collecting only the minimum necessary data, and providing users with the option of complete anonymity. The safe peer interaction area maintains a positive atmosphere through positive guidance and AI automatic review.

## Section 3: Sitemap



**Home Page:** Present the mission, main functions and value of the platform to visitors, and provide a quick access to core services (writing diaries, viewing trends, exploring resources), while serving as the starting point for login and registration.

**Login / Sign Up Page:** Offer users an account registration and login entry point, supporting email + password and external authentication, ensuring they can use personalized functions (such as diary saving, emotion trend recording, etc.) after entering.

**Learn Page:** Provide categorized mental health knowledge cards and short videos by topic, helping users obtain practical skills and theoretical support when needed, and link with emotion tracking and resource recommendations.

**Mood Trends Page:** Present the emotional change trends and tag frequencies of users in visual charts, helping users self-awareness and providing data export and personalized content recommendations.

**Resources — Map View Page:** Display nearby mental health resources and activities through a map, supporting search, filtering, collection, and route planning, facilitating users to quickly find suitable offline support.

**Journal — Compose Page:** As the main entry point for emotion recording, guide users to first rate their emotions, then write diaries, add tags, and select the degree of openness, promoting self-expression and community sharing.

**My Journals Page:** Centralize the management of all user diary records, supporting search, filtering, detailed view, and export, facilitating users to review their emotions and growth journey.

**Journal Square Page:** Provide a semi-anonymous community communication space, allowing users to read and interact with others' diaries, establishing a positive peer support atmosphere through likes, comments, and warm messages.

## Section 4: Wireframes/Low-fidelity prototype

### BR (C.2) — Role-based Authentication

#### Map Widget (Map Widget):

- The map occupies most of the page area, allowing users to view the surrounding resource points (marked points).
- Different types of markers will be displayed on the map, such as "Free Resources", "Support Groups", "Offline Events", etc., distinguished by different colors.

#### Filter Panel (Filter Panel):

- It is displayed on the left side of the map. Users can filter based on "Resource Type", "Open Hours", "Distance", etc.
- Each filter item has corresponding selection boxes or dropdown menus below, supporting multiple selections.
- At the bottom of the filter panel, there is a "Clear Filter" button.

#### Resource Pin Details (Resource Pin Details):

- When a user clicks on a resource point on the map, the brief information of that point (such as: resource name, type, opening time, contact information, etc.) will be displayed.
- Users can click a "Save" button to add the resource to their personal collection.

The wireframe shows a login page layout. At the top is a dark blue navigation bar with an orange 'logo' on the left and links for 'home', 'learn', 'journal', and 'resource' on the right. The main content area has a light gray background. It features a box titled 'External Login Options' containing three square icons. Below this is a login form with labels for 'Email' and 'Password', each followed by a text input field. Under the password field are links for 'forget password' and 'Register Link'. At the bottom of the form is a 'log in' button. The footer is a dark blue bar with links for 'about us', 'privacy statement', and 'contact us'.

### BR (E.2) — Geo Location

#### Mail + Password Form (Email + Password Form):

- Users need to input their email and password, and click the "Login" button.
- Below the login form, there is a "Forgot Password" link, allowing users to click for password recovery.

#### External Login Options (External Authentication Options):

- Include "Google Login" and "Apple Login" buttons, providing convenient external authentication options.



Register Link (Registration Link):

- At the bottom of the page, a "Register" link is provided, guiding new users to the registration page.

logo home learn journal resource

External Login Options

Email

Password

forget password Register Link

log in

about us privacy statement contact us

## Declaration: Additional Help

Any tools that you used (including Gen AI or existing code reuse) must be declared here.

**Note:** GenAI is not allowed for coding purposes in any assignment,

However, you may use GenAI for brainstorming, problem solving and learning. You need to declare all such uses here. One row per help used. More details on how to acknowledge the use of Gen AI can be found [here](#).

Name	Description
<i>ChatGPT for brainstorming ideas</i>	<i>I used ChatGPT for a brainstorming session to finalize the topic.</i>
AI(DOUBAO) for generate image of user person	I used ai to help me draw three user portraits
Figma for Wireframes/Low-fidelity prototype	I used digma for low-fidelity structure design and site maps