



PRESENTATION

By BST - QUOKKA

Team introduction

@Yichen Zhang Scrum Master

@Jiasheng LI Product Owner

@Jingwang Liu Quality Leader

@Jinwen Pang Developer



@Sibo Wang Developer

BACKGROUND




What is TIPE?



Trauma-Informed Positive Education (TIPE) is a blended approach that:

-  Combines **trauma-informed strategies** (emotional healing)
-  And **positive education** (strength-based learning)

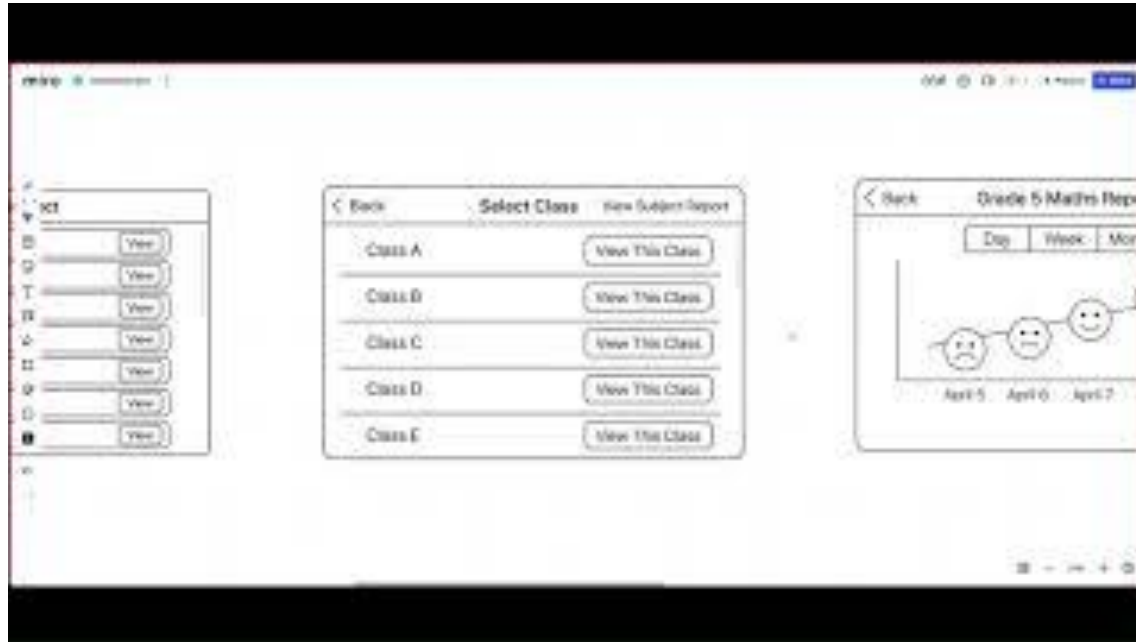
Why It Matters

-  Helps students recover from trauma and stay engaged in class

The Current Problem

-  No **digital tools** to assess students' emotional readiness in real-time
-  Still relies on printed materials

LoFi Usability Testing



Feedback

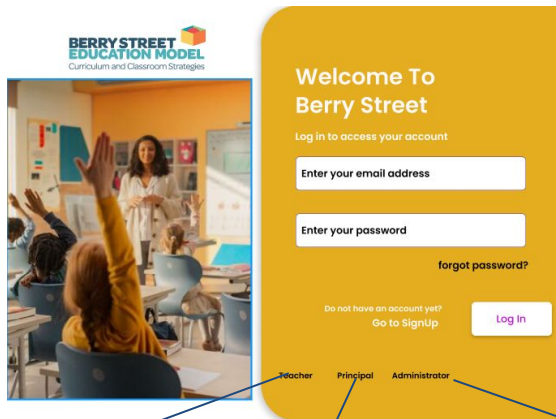


1. We should add **login pages** to keep information security.
2. The **expressions of the different scores** should be more differentiated.
3. There should be a **separate page to display** the Ready to Learn score.
4. **Young Age student and elder student** should have difference in numbers of choices for ready to learn score

HiFi-prototype

login page

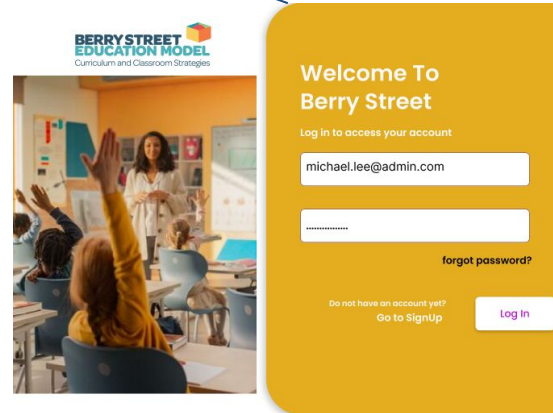
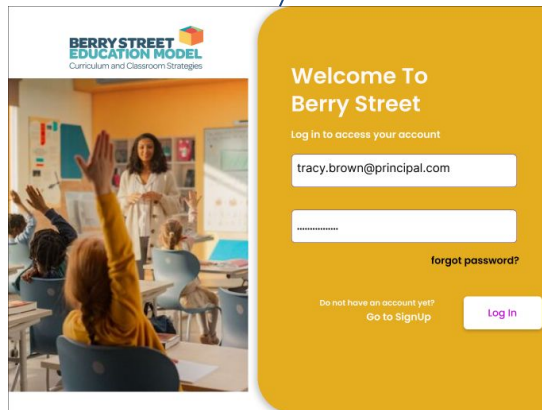
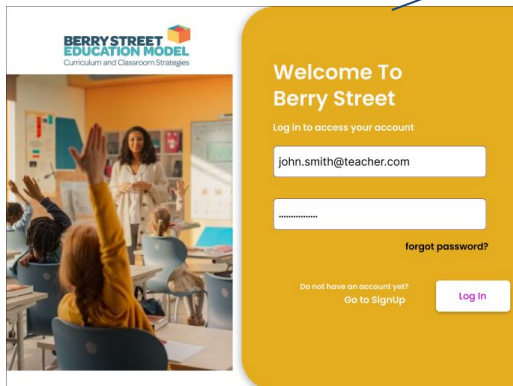
3 key users



teacher

Principal

Adminstrator




Main Scenario **Teacher** Feature

1. View class report
2. record student ready to learn score

[Logout](#)

Teacher





John Smith
john.smith@teacher.com
Math Teacher

[View All Classes](#)


<Back		Select Class
Class A		View This Class
Class B		View This Class
Class C		View This Class
Class D		View This Class
Class E	⌵	View This Class

Difference between Young and elder students




<Back **Class A** View Class Report

	Alice Brown	No Score
	Bob Johnson	No Score
	Coral Smith	No Score
	David Lee	No Score
	Emma Jones	View Score
	Frank Miller	No Score


<Back

 Carol Smith 27 May, 2025






Ready to learn?

<Back


 Alice Brown 27 May, 2025

Ready to learn?


    

If student already selected the score?

<Back


 Emma Jones 27 May, 2025


Today's Ready to Learn Score



If student changes the mind


Confirm your choice

**Alice Brown**27 May, 2025




Show students' Ready to Learn scores for today

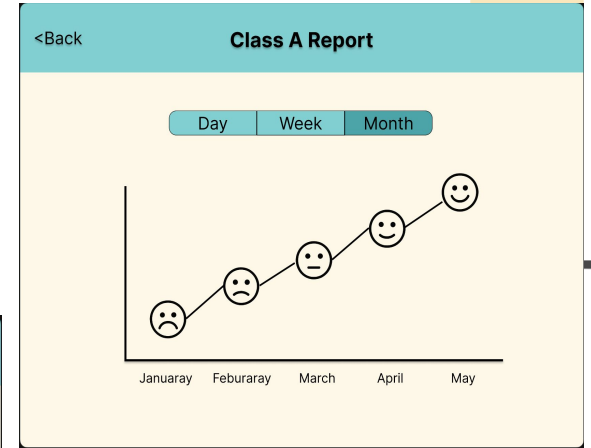
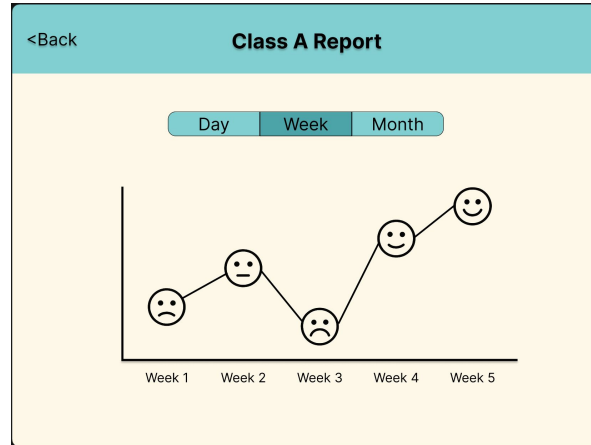
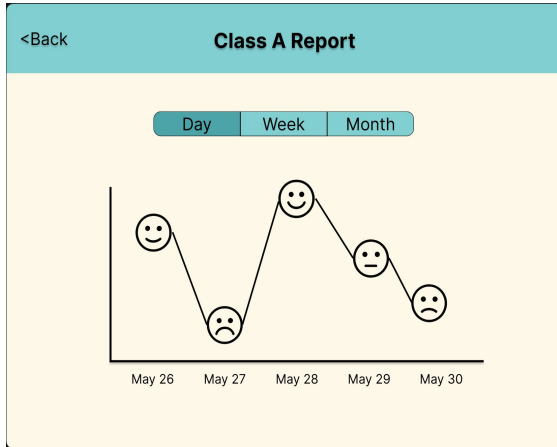
[<Back](#) **View Student report** [Next Student](#)

**Alice Brown**27 May, 2025

Today's Ready to Learn Score




View class daily, weekly, monthly report



Scenario in **Principal** feature

view all classes in school

[Logout](#)**School Principal**



Tracy Brown
tracy.brown@principal.com
School Principal

[View All Subjects](#)

[<Back](#)**Select Subject**


Grade 5 Math	View
Grade 6 Science	View
Grade 7 Math	View
Grade 5 Science	View
Grade 7 English	View
Grade 8 Science	View

⌵

Scenario in administrator

Add new user account





[Logout](#)[Administrator](#)



Micheal Lee
michael.lee@admin.com
System Administrator

[Manage All Accounts](#)

[<Back](#)[Add New Account](#)


	Alice Brown Student	Edit	Delete
	John Smith Teacher	Edit	Delete
	Tracy Brown Principal	Edit	Delete
	Dennis Wilson Administrator	Edit	Delete

[v](#)[v](#)

Another Scenario in **administrator** feature

Add new user account

[<Back](#)Save



EXAMPLE


Principal

Teacher

Student

Administrator

[<Back](#)Save



Principal





Teacher

Student






Administrator

Difference in user list between before and after

Before

<Back		Add New Account	
	Alice Brown Student	Edit	Delete
	John Smith Teacher	Edit	Delete
	Tracy Brown Principal	Edit	Delete
	Dennis Wilson Administrator	Edit	Delete
		v v	

After


<Back		Add New Account	
	Alice Brown Student	Edit	Delete
	John Smith Teacher	Edit	Delete
	Tracy Brown Principal	Edit	Delete
	Dennis Wilson Administrator	Edit	Delete
	Emily Chen Teacher	Edit	Delete
		v v	

Visual Design

- two-panel layout

[Logout](#)

Teacher



John Smith
john.smith@example.com
Math Teacher

[View All Classes](#)

[<Back](#)

Class A

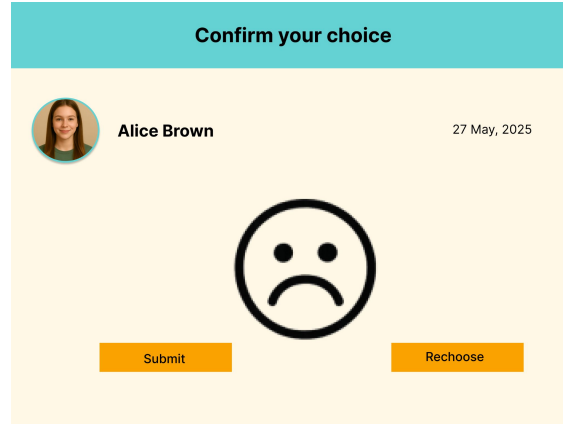
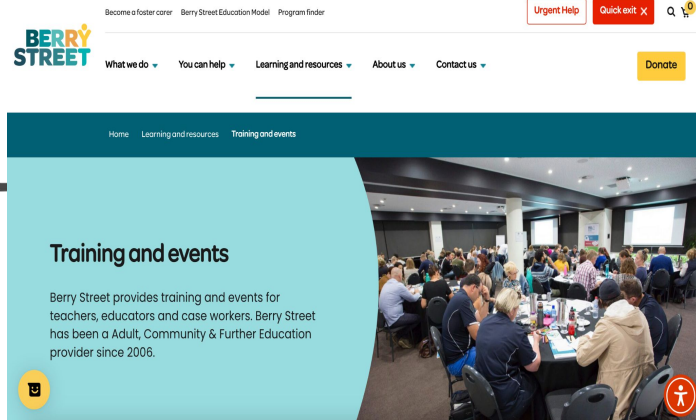
[View Class Report](#)

	Alice Brown	No Score
	Bob Johnson	No Score
	Coral Smith	No Score
	David Lee	No Score
	Emma Jones	View Score
	Frank Williams	No Score

[⌵](#)

Visual Design


- Main color tones: Blue & White (Source: Berry Street official website)
- Button color: Use striking contrasting colors to ensure clear operation feedback
- Font selection: Sans-serif font, clear and easy to read




Visual Design

Student Page

Confirm your choice

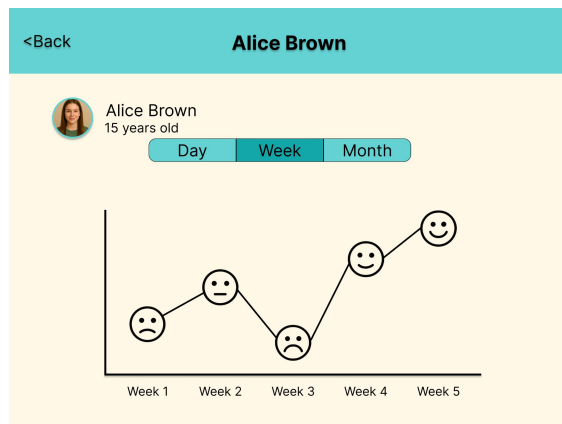
**Alice Brown**27 May, 2025



Submit**Rechoose**

Simple and intuitive,
with clear ICONS


Teacher/ Principal Page





Overview of Trends,
rich data charts


Administer Page

<Back**Add New Account**

**Alice Brown**
Student

**John Smith**
Teacher

**Tracy Brown**
Principal

**Dennis Wilson**
Administrator

Edit**Delete**

Edit**Delete**

Edit**Delete**

Edit**Delete**

v

Account Management



Project handover

Confluence

Confluence

主页

最近

空间

团队

应用

模板

创建

搜索

YZ


SWEN90009-2025-BS...

SWEN90009-2025-BST-Quok / TEAM Introduction

YZ | 分享 | ...

Our team

Team name: BST-QUOKKA



Team size: Five 5

Team members: Quality leader(for review process)

Members Name	Team Member Allocation
@Yichen ZHANG (Unlicensed)	Scrum Master
@Jiasheng LI (Unlicensed)	Product Owner
@Jingwang Liu	Quality Leader
@Jinwen Pang (Unlicensed)	Developer
@Sibo Wang (Unlicensed)	Developer



User stories

The following table outlines user stories for the TIPE APP project. These stories help identify user needs and guide development by clearly showing goals from the users. Each user story includes its prioritization level and whether it represents a functional or non-functional requirement.

ID	As	I want to	So that	Prioritization	Size Estimation	MoSCoW	Func./Non-Func
Search documents and file names for text							
1	An elder student	submit a 1-5 scale "ready to learn" check-in via the app	my teacher can know how students feel	High	Small	Must	Functional
2	A teacher	view a report of student responses	I can quickly identify which students need support	High	Medium	Must	Functional
3	A teacher	use the app on iPad or desktop (not phone)	I can conveniently use it on school devices	High	Small	Must	Non-Functional
4	A student	re-rate my "ready to learn" score before it's locked	I can change my previous score	Medium	Small	Should	Functional
5	A teacher	view and export long-term trend reports (e.g. weekly/monthly)	I can identify patterns and plan support accordingly	Medium	Large	Must	Functional
6	A school leader (e.g. principal or coordinator)	access overall class or year-level readiness trends	I can support teachers and identify school-wide emotional patterns	Medium	Large	Should	Functional
7	A student	see friendly icons or emojis for each rating point	I can better relate to the scores and enjoy using the app	Medium	Small	Should	Functional
8	A teacher	log in securely with a password	I can access student reports safely	High	Small	Must	Functional
9	A school admin	upload student profile details (names, classes) into the system	the app can match responses with students correctly	High	Medium	Must	Functional
10	A teacher	access multiple classes that I teach	I can manage reports and check-ins across all my classes	Medium	Small	Should	Functional

User Stories

11	A teacher/ A school principle/ An administrator or	create an account	I can start using the system	High	Small	Must	Functional
12	A teacher/ A school principle/ An administrator or	reset my password if I forget it	I can regain access to my account securely	High	Small	Must	Functional
13	A young age student	submit a 1-3 scale "ready to learn" check-in via the app	my teacher can know how students feel	High	Small	Must	Functional
14	A school admin	Edit user's profile	I can update account information easily	High	Small	Must	Functional
15	A school admin	Delete user's profile	I can remove outdated or invalid user data	High	Small	Must	Functional




Size Estimation Reference:






- Small = 1 developer-day
- Medium = 2-3 developer-days
- Large = 4+ developer-days

Prioritization Strategy:


MoSCoW priorities were determined through discussion with the client and team members, based on impact on student wellbeing, technical feasibility, and urgency for MVP.




Github




 SWEN90009-2025-SM1 / SWEN90009-2025-BST-Quokka 



[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#)


 **SWEN90009-2025-BST-Quokka** Private

 Watch **1**  Fork **0**  Star **0**


 **main**  1 Branch  4 Tags

[Add file](#) [Code](#)


 **jingwangl** Sprint 3 submit 9fe9ece · 3 weeks ago  **13 Commits**

 data samples


Create data samples folder2 months ago

 docs


upload sprint2 docslast month

 prototypes


Sprint 3 submit3 weeks ago

 tests




Sprint 3 submit3 weeks ago

 ui

Sprint 3 submit3 weeks ago

 README.md

Sprint 3 submit3 weeks ago

 **README**  







SWEN90009-2025-BST-Quokka

Project Structure


The project is organized into key directions and files, each serving a specific purpose:

About

No description, website, or topics provided.

-  Readme
-  Activity
-  Custom properties
-  0 stars
-  1 watching
-  0 forks

Releases 3

 SWEN90009_2025_BST_QUOKK... Latest

3 weeks ago


[+ 2 releases](#)

Packages

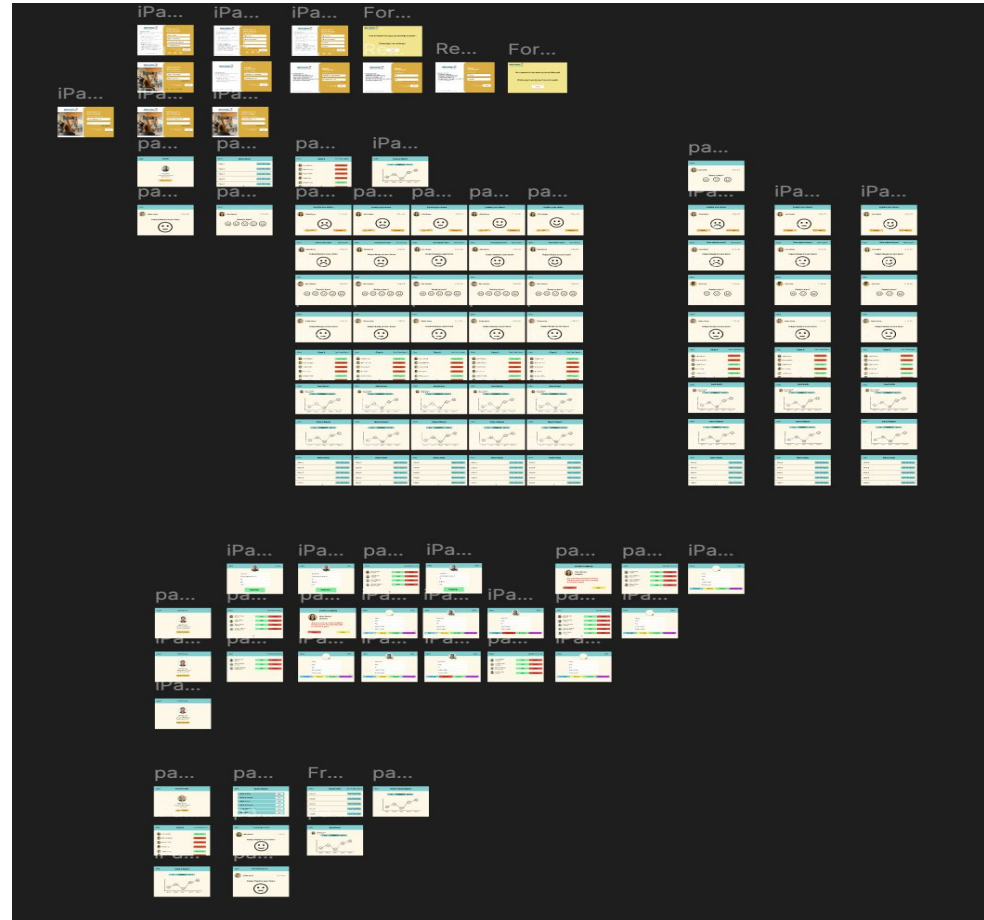
No packages published

[Publish your first package](#)

Contributors 2

 iinwanni

Figma



Future Plan

1. what can be better?
2. Handover plan

What can be improved in the future system

What Can Be Improved

- **Database design when coding** : Develop a proper database to store and manage the relationship between students and their classes.
- **Improved UI**: Enhance the user interface to be more intuitive, especially for students of different age groups.
- **Age-based differentiation**: Implement clearer functional and visual differences between young and elder students in the scoring and interface design.



Handover plan

Handover Plan

- All project materials will be uploaded to:
 - LMS
 - Confluence
 - GitHub repository
- A detailed handover document will be included, containing:
 - Setup instructions
 - Known issues and suggestions
 - Notes for the SWEN90014 team in Semester 2

Reflections

What We Did Well

- Delivered a complete and functional HiFi prototype with core features (login, scoring, reports).
- Responded effectively to user feedback from LoFi testing by improving UI clarity and scoring flow.

Team Collaboration

- Clear team roles helped streamline development.
- Regular communication allowed us to incorporate feedback quickly and iterate effectively.

What Could Be Improved

- Early-stage **user stories** were not detailed enough, which limited design coverage at first.
- Better **tooling and planning** at the beginning would have improved workflow efficiency.



THANK YOU