



PRESENTATION

By BST - QUOKKA

Team introduction

@Yichen Zhang Scrum Master

@Jiasheng LI Product Owner

@Jingwang Liu Quality Leader

@Jinwen Pang Developer

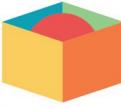
@Sibo Wang Developer

BACKGROUND



**BERRY STREET
EDUCATION MODEL**

Curriculum and Classroom Strategies



■ 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)

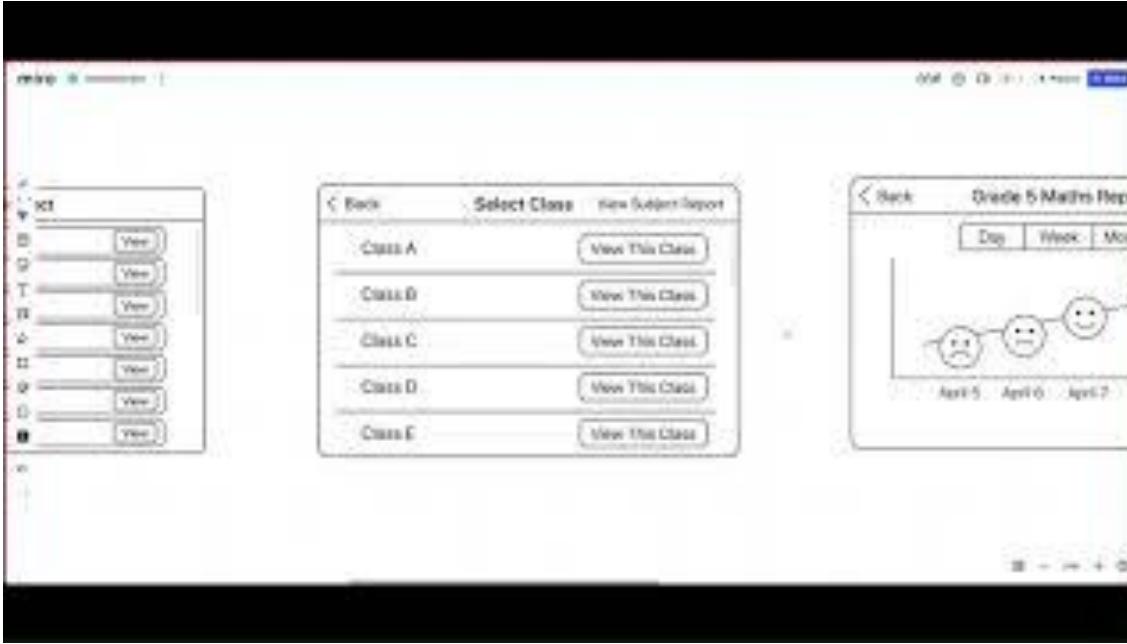
📚 Why It Matters

- 😊 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

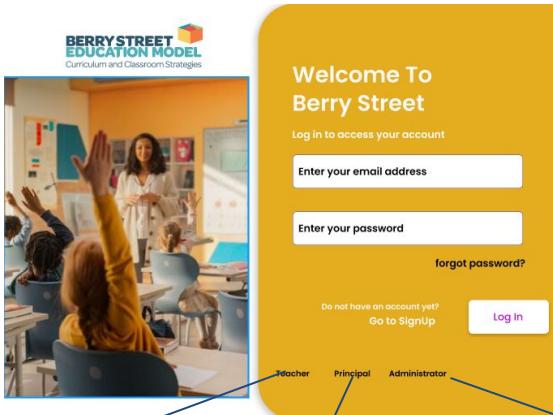


1. We should add **login pages** to keep information security.
2. The **expressions of the different scores** should be more differentiated.
3. There should be a **separate page to display** the Ready to Learn score.
4. **Young Age student and elder student** should have difference in numbers of choices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

HiFi-prototype

login page

3 key users



teacher

BERRY STREET EDUCATION MODEL
Curriculum and Classroom Strategies

Welcome To Berry Street

Log in to access your account

john.smith@teacher.com

.....

forgot password?

Do not have an account yet?
Go to SignUp

Log In

Principal

BERRY STREET EDUCATION MODEL
Curriculum and Classroom Strategies

Welcome To Berry Street

Log in to access your account

tracy.brown@principal.com

.....

forgot password?

Do not have an account yet?
Go to SignUp

Log In

Administrator

BERRY STREET EDUCATION MODEL
Curriculum and Classroom Strategies

Welcome To Berry Street

Log in to access your account

michael.lee@admin.com

.....

forgot password?

Do not have an account yet?
Go to SignUp

Log In

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
▼		

<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



Submit

Rechoose

Show students' Ready to Learn scores for today

<Back

View Student report

Next Student



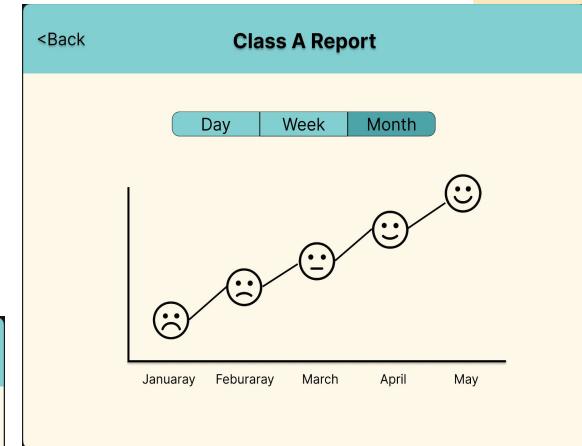
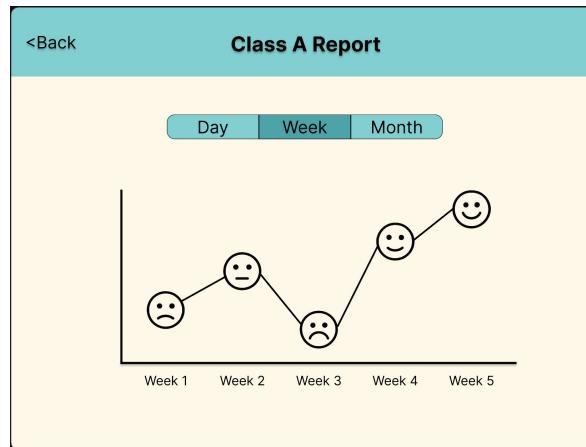
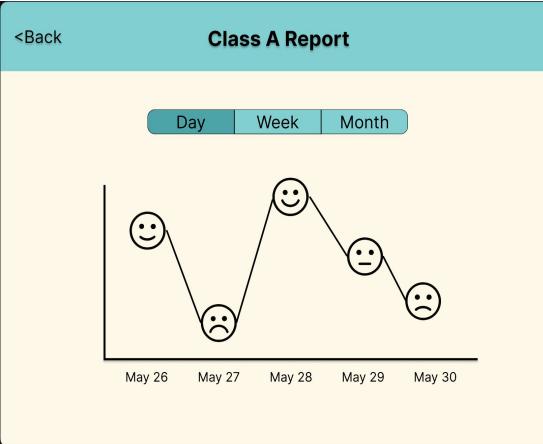
Alice Brown

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

vv

Another Scenario in **administrator** feature

Add new user account

<Back  Save

Name*
Email
Age
Subject Taught
Subject Taught

EXAMPLE

Principal Teacher Student Administrator

<Back  Save

Emily Chen
Email
35
Subject Taught
Subject Taught

Principal Teacher Student Administrator

Difference in user list between before and after

Before

<Back		Add New Account	
	Alice Brown Student	<button>Edit</button>	<button>Delete</button>
	John Smith Teacher	<button>Edit</button>	<button>Delete</button>
	Tracy Brown Principal	<button>Edit</button>	<button>Delete</button>
	Dennis Wilson Administrator	<button>Edit</button>	<button>Delete</button>
▼		▼	

After

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

Visual Design

- two-panel layout

Logout

Teacher



John Smith
john.smith@example.com
Math Teacher

[View All Classes](#)

<Back

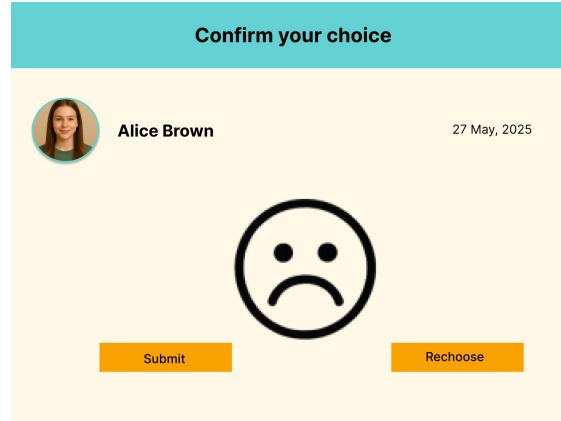
Class A

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

Visual Design

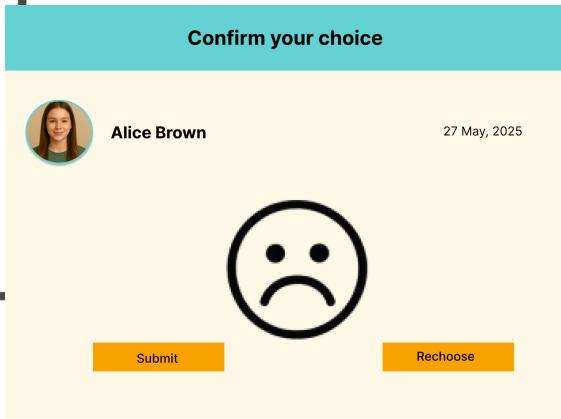
- Main color tones: Blue & White (Source: Berry Street official website)
- Button color: Use striking contrasting colors to ensure clear operation feedback
- Font selection: Sans-serif font, clear and easy to read

The screenshot shows the Berry Street website's "Training and events" page. At the top, there's a navigation bar with links for "Become a foster carer", "Berry Street Education Model", "Program Finder", "Urgent Help", "Quick exit X", a search bar with a count of 0, and a "Donate" button. Below the navigation is a secondary menu with "What we do", "You can help", "Learning and resources", "About us", and "Contact us". A "Training and events" section is highlighted. The main content area features a large image of people in a conference room, a title "Training and events", and a paragraph about Berry Street's training services. A yellow circular icon with a person icon is in the bottom right corner.



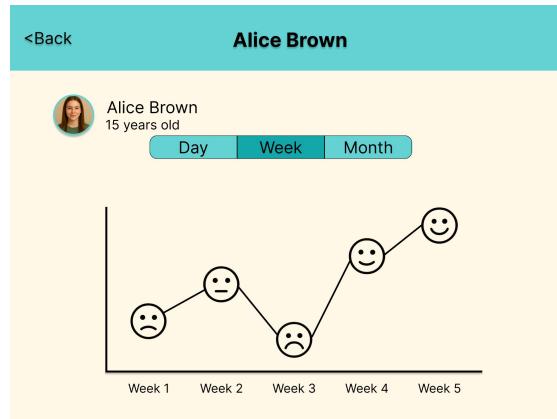
Visual Design

Student Page



Simple and intuitive,
with clear ICONS

Teacher/ Principal Page



Overview of Trends,
rich data charts

Administer Page

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

Account Management

Project handover

Confluence

Confluence 主页 最近 空间 团队 应用 模板 + 创建

搜索 YZ 分享

SWEN90009-2025-BST-Quokka / TEAM Introduction

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 TIE 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	create an account	I can start using the system	High	Small	Must	Functional
12	A teacher/ A school principle/ An administrator	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

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Author	Commit Message	Time
jingwang!	Sprint 3 submit	9fe9ece · 3 weeks ago
	Create data samples folder	2 months ago
	upload sprint2 docs	last month
	Sprint 3 submit	3 weeks ago
	Sprint 3 submit	3 weeks ago
	Sprint 3 submit	3 weeks ago
	Sprint 3 submit	3 weeks ago
	README.md	3 weeks ago

Releases 3

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+ 2 releases

Packages
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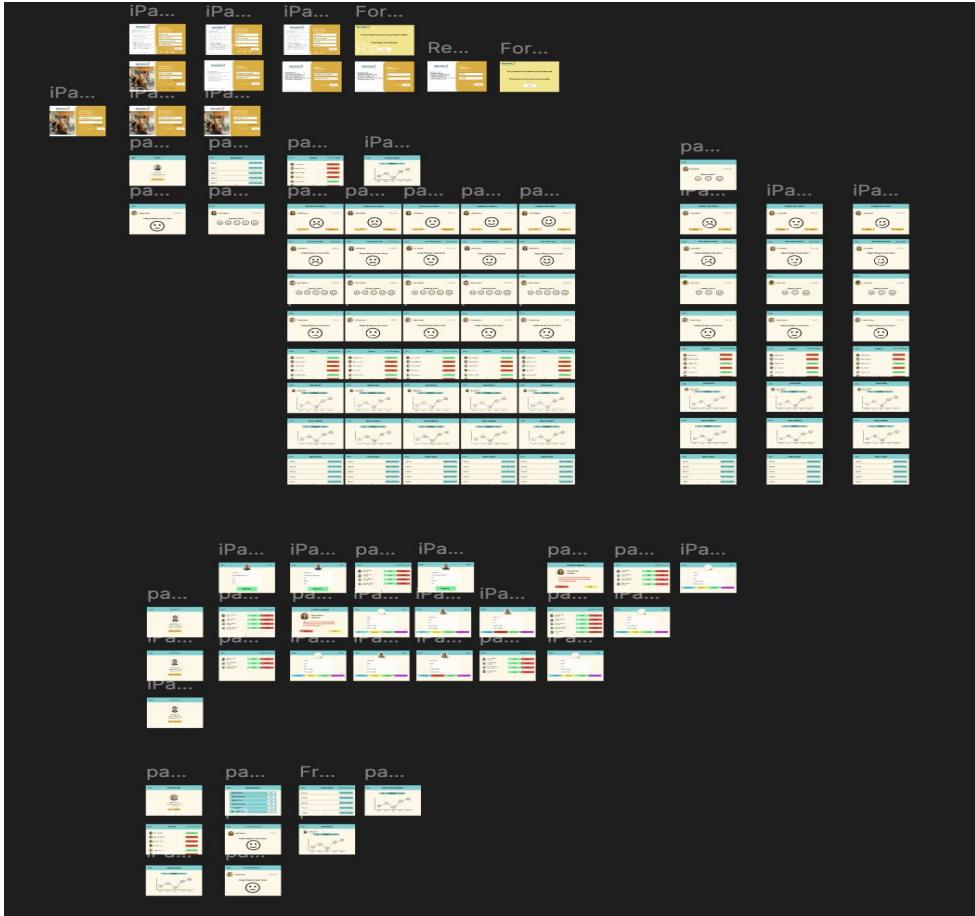
Contributors 2

 [iinawandal](#)

Project Structure

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

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