Hangman Application

TikTok Youth Camp 2022

Group 13 Members:
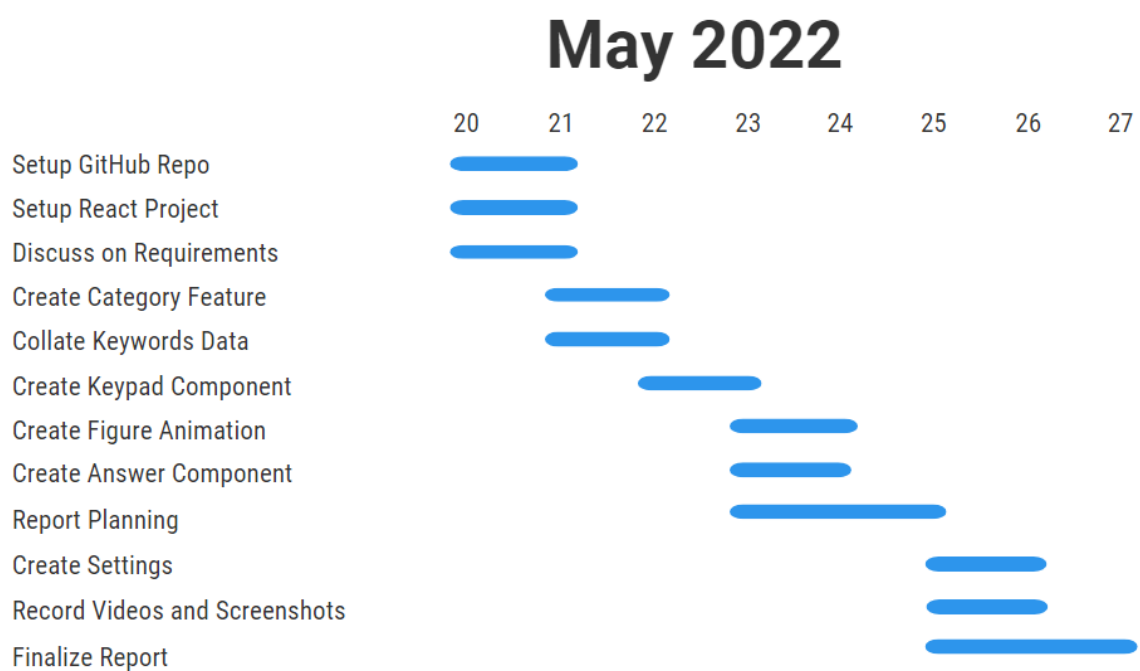-   John
-        Jack
-        Tse Hwee
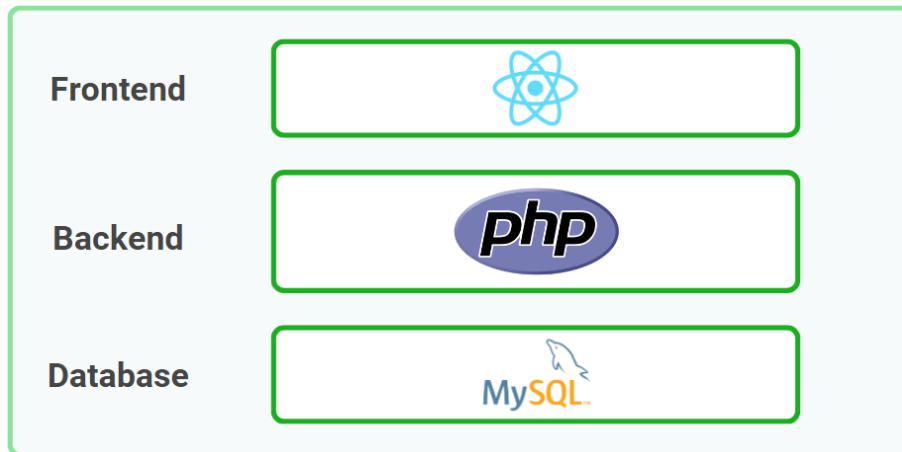-   Franky

Planning

Milestone

21/05/2022
1. Setup GitHub Repo
2. Setup React Project
3. Discuss on Requirements

25/05/2022
1. Create Figure Animation
2. Create Answer Component
3. Report Planning

Sprint 1   Sprint 2   Sprint 3   Sprint 4

23/05/2022
1. Create Category Feature
2. Collate Keywords Data
3. Create Keypad Component

27/05/2022
1. Create Settings
2. Record Videos and Screenshots
3. Finalize Report
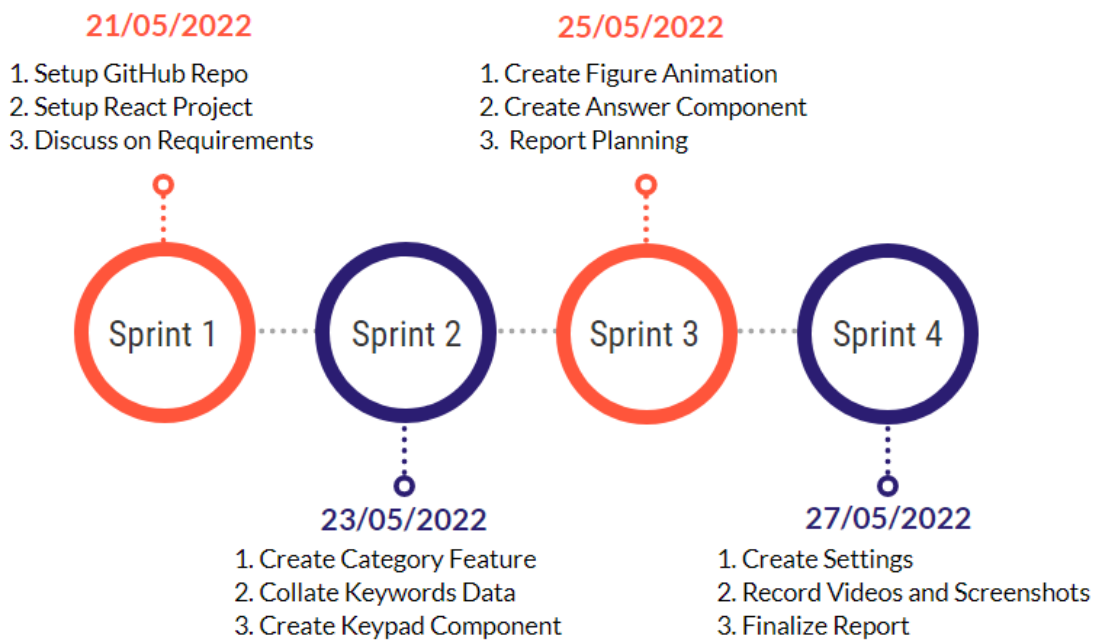
Timeline & Work Allocation

May 2022

	20	21	22	23	24	25	26	27
Setup GitHub Repo	■	■						
Setup React Project	■	■						
Discuss on Requirements	■	■						
Create Category Feature		■	■					
Collate Keywords Data		■	■					
Create Keypad Component			■	■				
Create Figure Animation				■	■			
Create Answer Component				■	■			
Report Planning				■	■			
Create Settings						■	■	
Record Videos and Screenshots						■	■	
Finalize Report						■	■	■

Technical

Frameworks

Frontend	
Backend	
Database	MySQL.

Snippets

Listen for Keyboard input

```javascript
useEffect(() => {
    const handleKeydown = event => {
        const {key} = event
        if (key.toLowerCase()===alphabet.toLowerCase()){
            handleOnclick()
        }
    }

    window.addEventListener("keydown", handleKeydown)
    return () => window.removeEventListener("keydown", handleKeydown)
}, [correctLetters, wrongLetters])
```
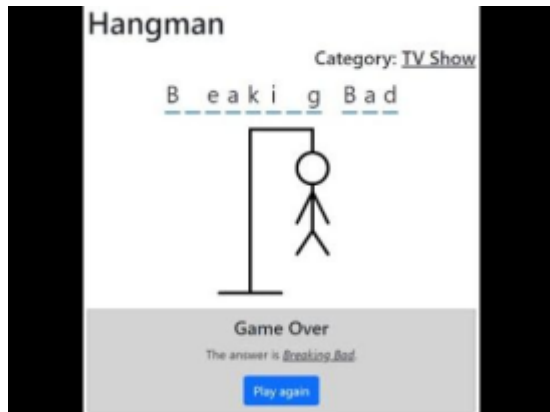
Extracting Keywords and Category

```javascript
return (
    <div className="d-flex vh-100 align-items-center justify-content-center gap-3">
        {categories.map((category) => {
            let keywords = words.categories.filter(
                (word) => word.type === category
            )[0].words;
            return (
                <Word
                    word={category}
                    key={category}
                    setCategory={() => changeCategory(category, keywords)}
                />
            );
        })}
    </div>
);
```

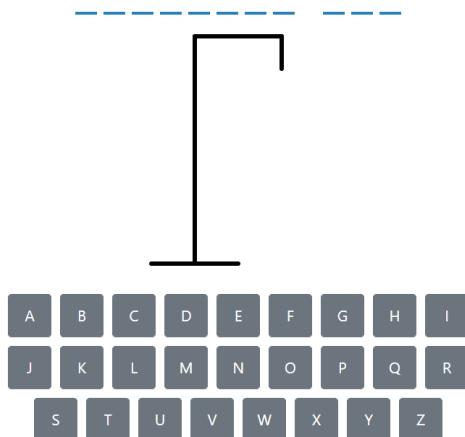# Project

Video

Screenshots

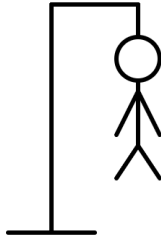Choose category
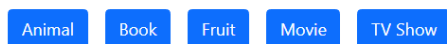
Choose letter

Hangman

Category: TV Show

B _ e a k i _ g   B a d

Game Over

The answer is *Breaking Bad*.

Play again

Retrospective

What went well

Despite conducting the entire development process via online, we were able to collaborate appropriately using online tools such as GitHub to share our code and build upon them.

What could be improved

Communication is an issue as we are unfamiliar with one another thus there were some miscommunication that occurred.

What will we commit to improve

We can try to adopt the SCRUM approach to do the project management so that we are clear on what to do and who should take the tasks.