



EASYQ

SPRINT #1 PRESENTATION

LMS  
Quiz  
importer

Developer  
Team

261361 Software Engineering

**URL LINK TO **VIDEO CLIP:****



**PLEASE SCAN ME!**

[https://drive.google.com/drive/folders/1-bL0Q4a720JKpJXkvO1PoucxgF4Wf7Uu?  
usp=sharing](https://drive.google.com/drive/folders/1-bL0Q4a720JKpJXkvO1PoucxgF4Wf7Uu?usp=sharing)

**VIDEO FOR  
SPRINT #1**



# Our Talk Today

Topics We'll Cover

Team introduction  
Product overview  
Testing  
Demonstration  
Retrospective on Sprint#1  
Plan for Sprint#2



# Hi! Let us introduce our team.

## Developer



**Thun Anuntarat**

**620610589**

- Front-End Developer
- All Ui constructing



**Latthapol Laohapiboonrattana**

**630610759**

- Full Stack Developer
- File upload page / database

**DEVILOPER**





**DEVILOPER**



**Lalinthorn Phulnaruk**  
**630610758**

- Back-End Developer
- Contribute in sprint #2



**Siriwat Songwattana**  
**630610764**

- Tester



**Suparida Silapasith**  
**630610765**

- Project Manager
- System Analyst / sub tester



**Attaphong Auewongchai**  
**630610770**

- Back-End Developer
- Contribute in sprint #2

**DEVILOPER**



# Product Overview

INTRODUCING SCOPE & FEATURES

SPRINT #1  
&  
SPRINT #2

# ABOUT OUR PRODUCT

- Quiz importer for 261111 Internet and Online Community course.
- Enables the course instructor to upload their quizzes as .doc or .docx file
- Automatically import quizzes into the LMS.
- The instructor is no longer required to manually construct quizzes on the LMS platform.
- Time and workforce are saved.



LMS QUIZ IMPORTER



SCOPE

Sprint #1



UI&UX  
DESIGNING

BACKEND  
INTEGRATING

API  
WITH LMS

# FEATURES - SPRINT #1



## FRONTEND DEVELOPING

UI constructed / Web-based on PC / English



## CMU ACCOUNT AUTHENTICATION

Signin via CMU account only



## DOCUMENTARY FILE UPLOADING

.doc or .docx file / 1 file per upload



## DELETE UPLOADED QUIZ

User can delete uploaded quiz from server





**SCOPE**

**Sprint #2**



**UI&UX  
DESIGNING**

**BACKEND  
INTEGRATING**

**API  
WITH LMS**

# FEATURES - SPRINT #2



## DOCUMENT SYNTAX CHECKING

- Multiple choices only
- Defined syntax only



## IMPORTING QUIZ TO LMS

- Mango (CANVAS) only
- Works with 261111 course only



## USER LIMITATION

- Only 261111 course instructor can sign in



# PRODUCT TESTING FOR SPRINT #1



# FUNCTIONAL TEST

MANUAL TESTING

USER  
INTERFACE  
BLACK  
-BOX  
TESTING

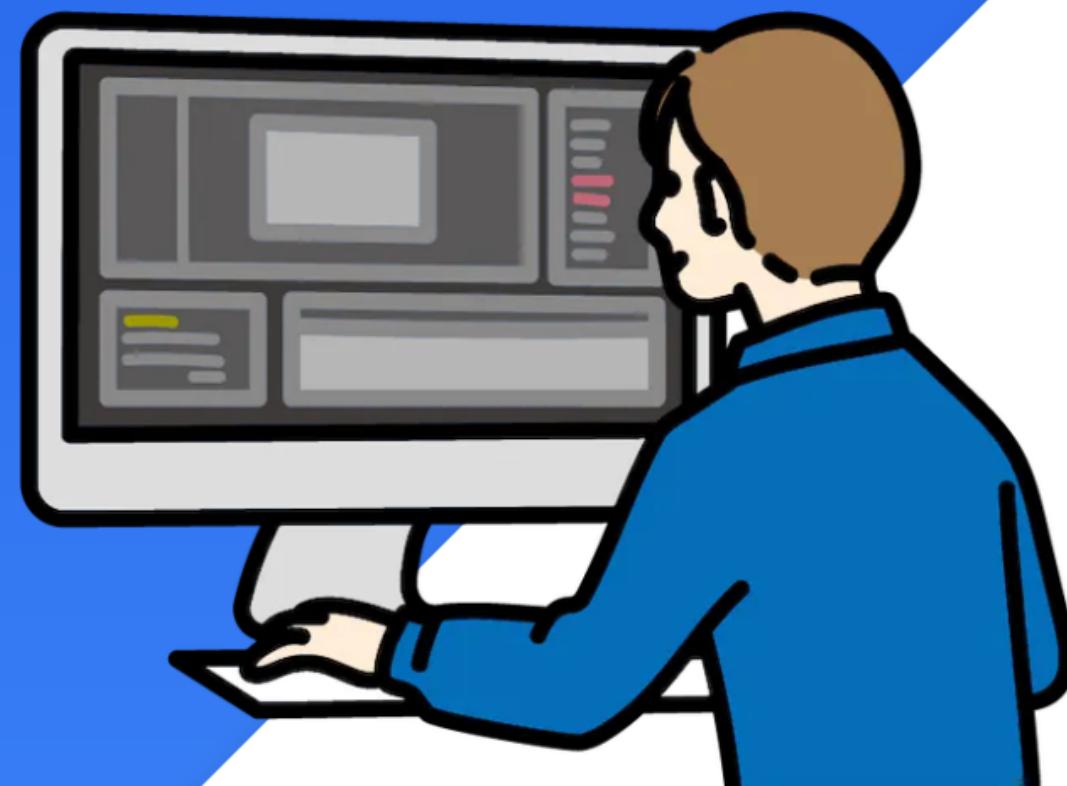
Quizz   Make your Quizz

## Quiz Importer

Lorem, ipsum dolor sit amet consectetur adipisicing elit. Distinctio, ea veritatis amet sunt deleniti fugit ipsa expedita preferendis nisi temporibus dignissimos facere aut magnam numquam voluptatem accusantium, excepturi, saepe porro.

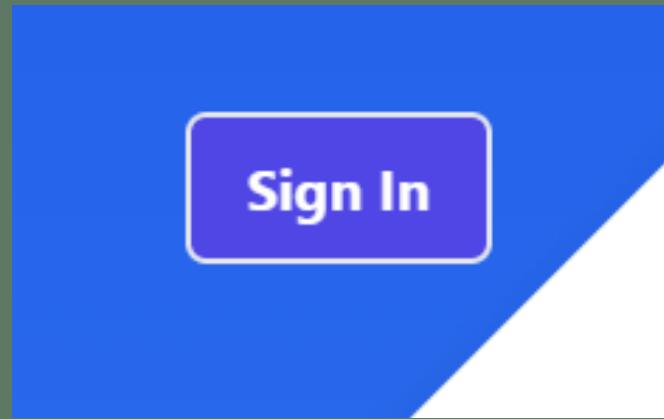
Get Started →

Read Document



# BUTTON - HOME PAGE

## TEST CASES

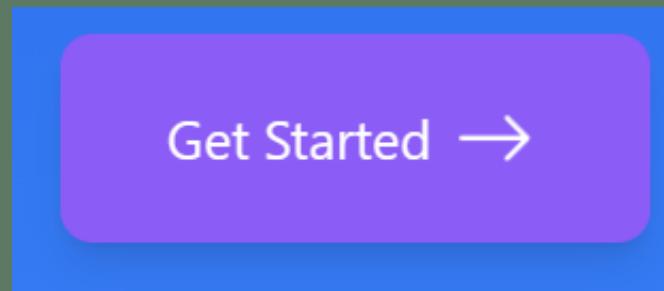


### SIGNIN BUTTON ONCLICK

#### Expectation

- Should direct to CMU account sign inpage

Output > correct



### GET STARTED BUTTON ONCLICK

#### Expectation

- If signed in -> direct to my dashboard
- if not signed in -> deirect to CMU account sign in page

Output > direct to 'My Quizzes' page when signed in

# MyQuizzes page

The screenshot shows a web application interface for managing quizzes. On the left, there is a sidebar with a dark blue header containing the text "Developer." and a power icon. Below this are four menu items: "Dashboard", "My Quizz" (which is highlighted with a blue circle containing the number "5"), and "Users". At the bottom of the sidebar is a "Sign Out" button with a sign-out icon.

The main content area has a header "Pages / My Quizz" and "My Quizz". In the top right corner, there is a user profile icon with the name "SUPARIDA". The main area displays a table titled "My Quizz" with the following columns: SUBJECT, AUTHOR, DATE, and POINTS. The table contains four rows of data:

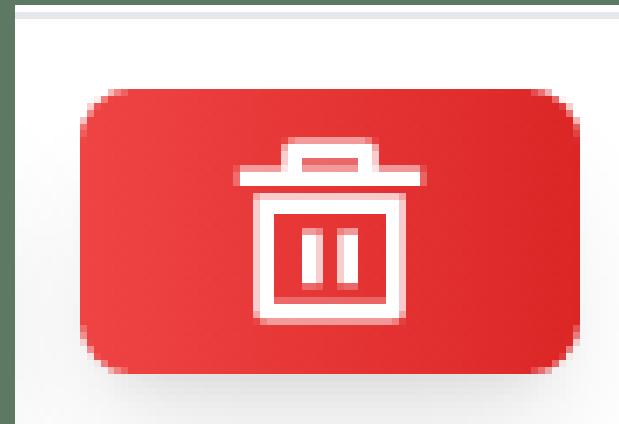
SUBJECT	AUTHOR	DATE	POINTS
Advance	Switch	1/17/2023	10/10
OOP	Switch	1/16/2023	10/10
Math	Switch	1/16/2023	10/10
Database	Switch	1/16/2023	10/10

Each row has two buttons on the right: a green "Edit" button with a pencil icon and a red "Delete" button with a trash bin icon.

In the bottom right corner of the main content area, there is a blue circular button with a white plus sign (+).

# BUTTON - MY QUIZZES

## TEST CASES

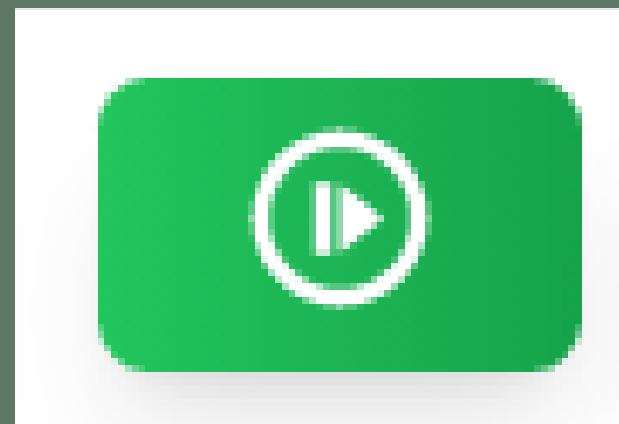


### QUIZ DELETING BUTTON ONCLICK

#### Expectation

- The quiz is deleted from page and database

Output > quiz is not deleted from database



### QUIZ IMPORTING BUTTON ONCLICK

#### Expectation

- disable

Output > direct to unwanted page

# BUTTON - MY QUIZZES



## ADDING NEW QUIZ BUTTON ONCLICK

### Expectation

- Uploading box pops up

### Output

- correct

# TEST CASES

# Uploading box

The screenshot shows the EasyQ. application interface. On the left, there's a sidebar with a navigation menu:

- EasyQ. (selected)
- My Quiz
- Dashboard (marked with a blue badge containing the number 2)
- User

The main dashboard area has a blue header bar with the text "Pages / Dashboard" and "Dashboard". In the top right corner, there's a user profile icon for "SUPARIDA" and a yellow circular button with a gear icon.

A modal window titled "Import Quiz" is centered over the dashboard. The modal contains the following fields:

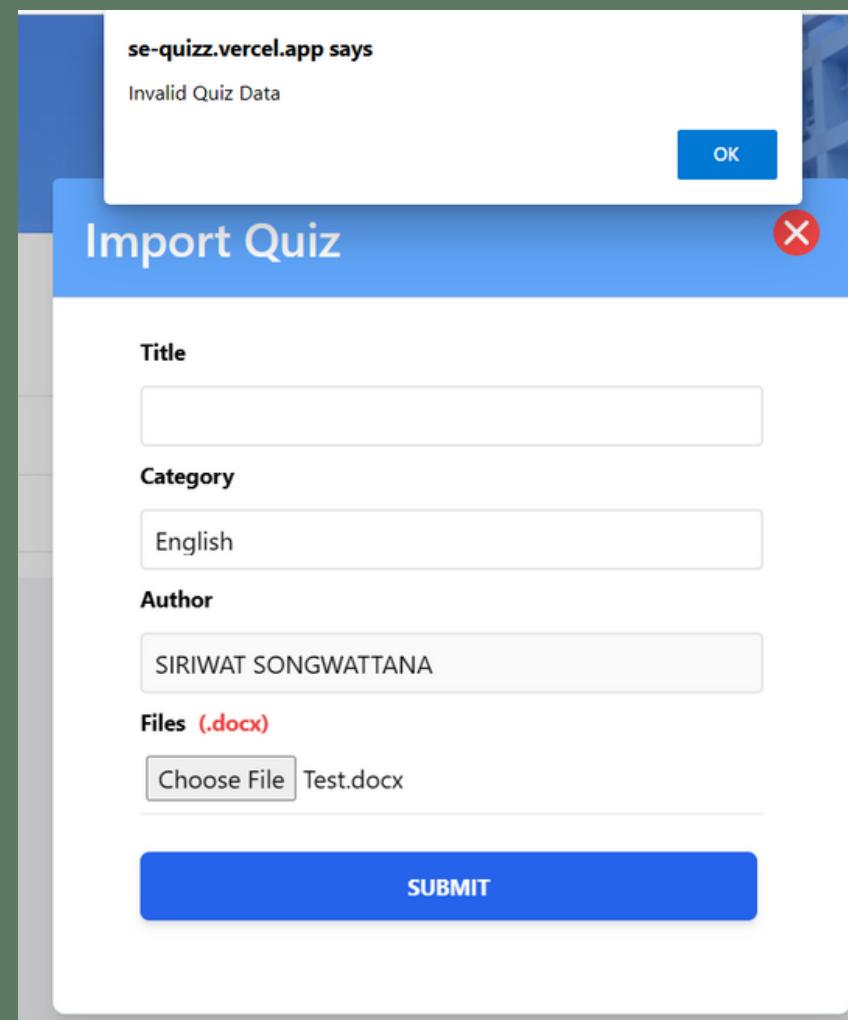
- Title: An empty input field.
- Category: An empty input field.
- Author: A text input field containing "SUPARIDA SILPASITH".
- Files (.docx): A file upload input field with the placeholder "Choose File No file chosen".

At the bottom of the modal is a large blue "SUBMIT" button.

In the bottom right corner of the dashboard area, there's a blue circle with a white plus sign (+).

# UPLOADING BOX

# TEST CASES



**TITLE FEILD IS NOT ENTERED**  
Expectation > Invalid quiz data error message  
output > correct

**CATEGORY FEILD IS NOT ENTERED**  
Expectation > Invalid quiz data error message  
output > correct

**FILE IS NOT CHOSEN**  
Expectation > Invalid quiz data error message  
output > correct

# UPLOADING DEFECTS

## TEST CASES

### ERROR & BUG OCCURS AFTER UPLOADING NEW QUIZ

#### Expectation

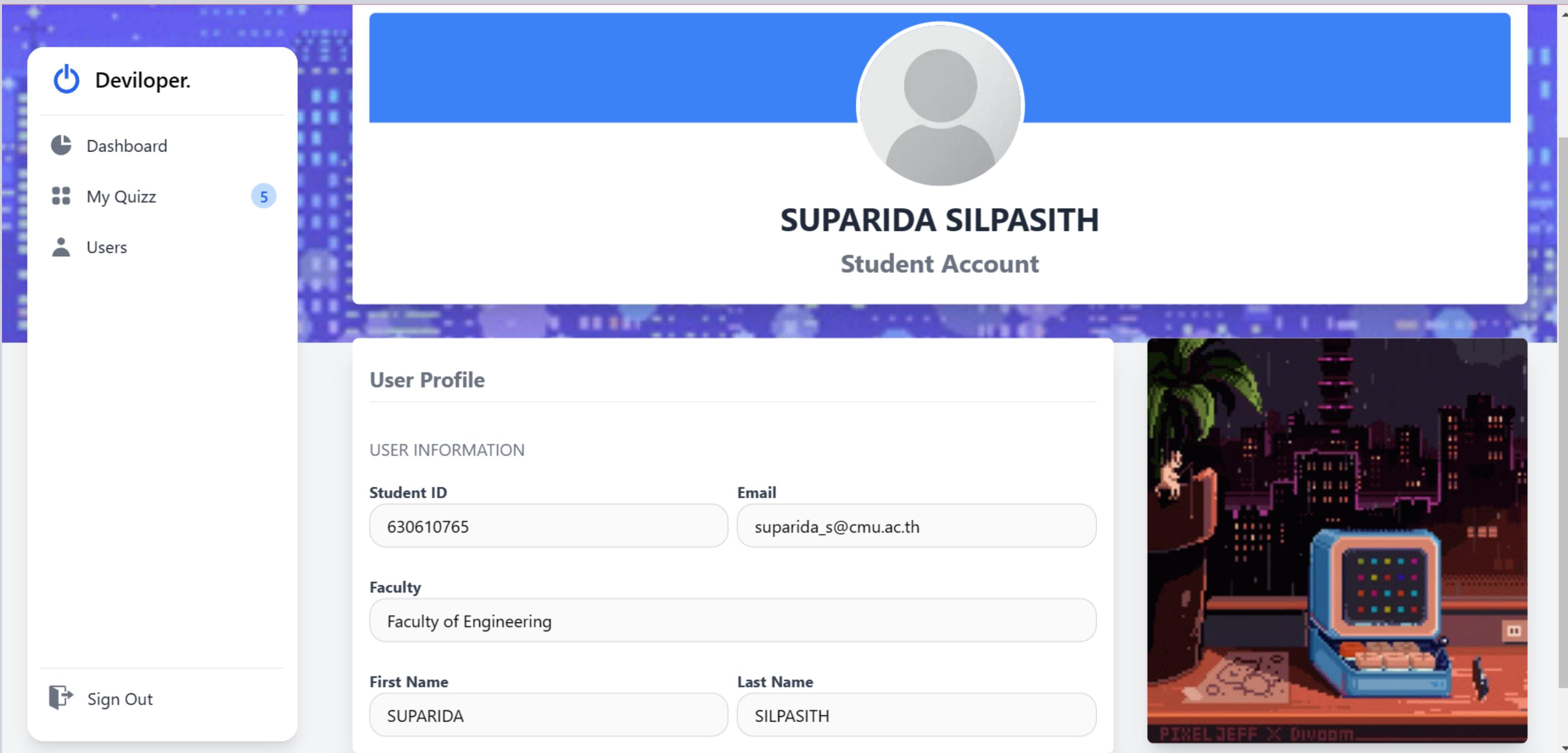
- New quiz is added and show in the quizzes table

#### Ouput

- Error page occurs
- New quiz sometimes not suddenly added to interface after adding

Application error: a client-side exception has occurred (see the browser console for more information).

# User profile page



A screenshot of a user profile page from a web application. The header features a blue navigation bar with the text "Deviloper." and a sidebar menu containing "Dashboard", "My Quizz", and "Users". A notification badge with the number "5" is visible next to the "My Quizz" item. The main content area has a blue header bar with a user icon and the name "SUPARIDA SILPASITH" followed by "Student Account". Below this is a "User Profile" section with "USER INFORMATION" fields: "Student ID" (630610765), "Email" (suparida\_s@cmu.ac.th), "Faculty" (Faculty of Engineering), "First Name" (SUPARIDA), and "Last Name" (SILPASITH). At the bottom left is a "Sign Out" button. To the right is a decorative image of a person holding a pixelated device with a colorful screen, set against a cityscape background.

Developer.

Dashboard

My Quizz

Users

5

SUPARIDA SILPASITH

Student Account

User Profile

USER INFORMATION

Student ID

630610765

Email

suparida\_s@cmu.ac.th

Faculty

Faculty of Engineering

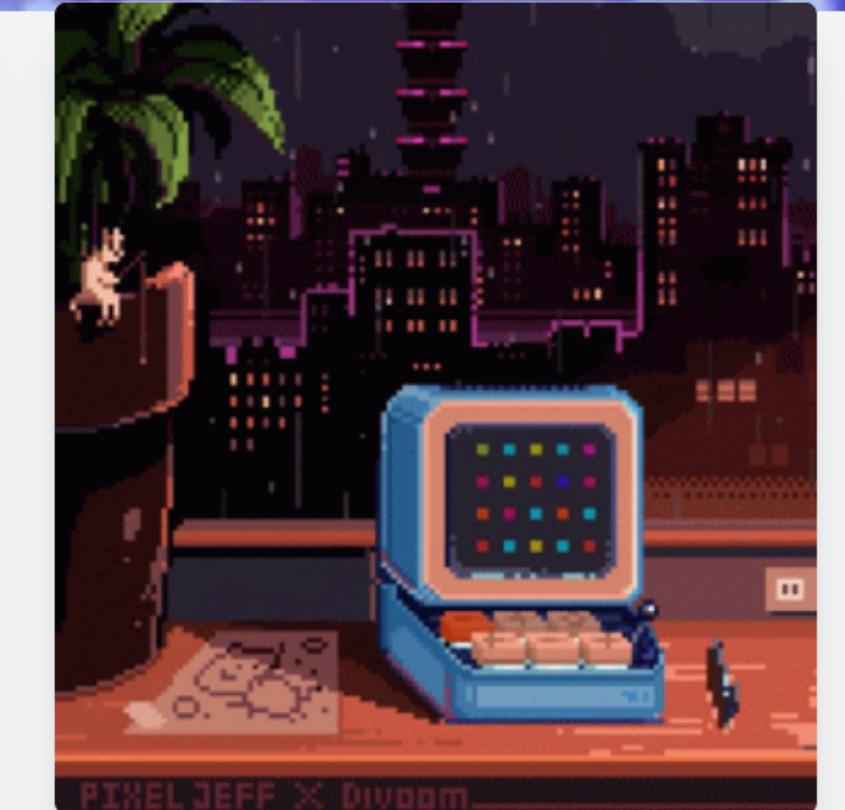
First Name

SUPARIDA

Last Name

SILPASITH

Sign Out



PIXEL JEFF X Divoom

# USER PROFILE PAGE

## TEST CASES

### USER INFORMATION WHEN SIGNED IN

#### Expectation

- Should all match with data from CMU account

#### Output

- correct

### EDITING USER INFORMATION FIELD

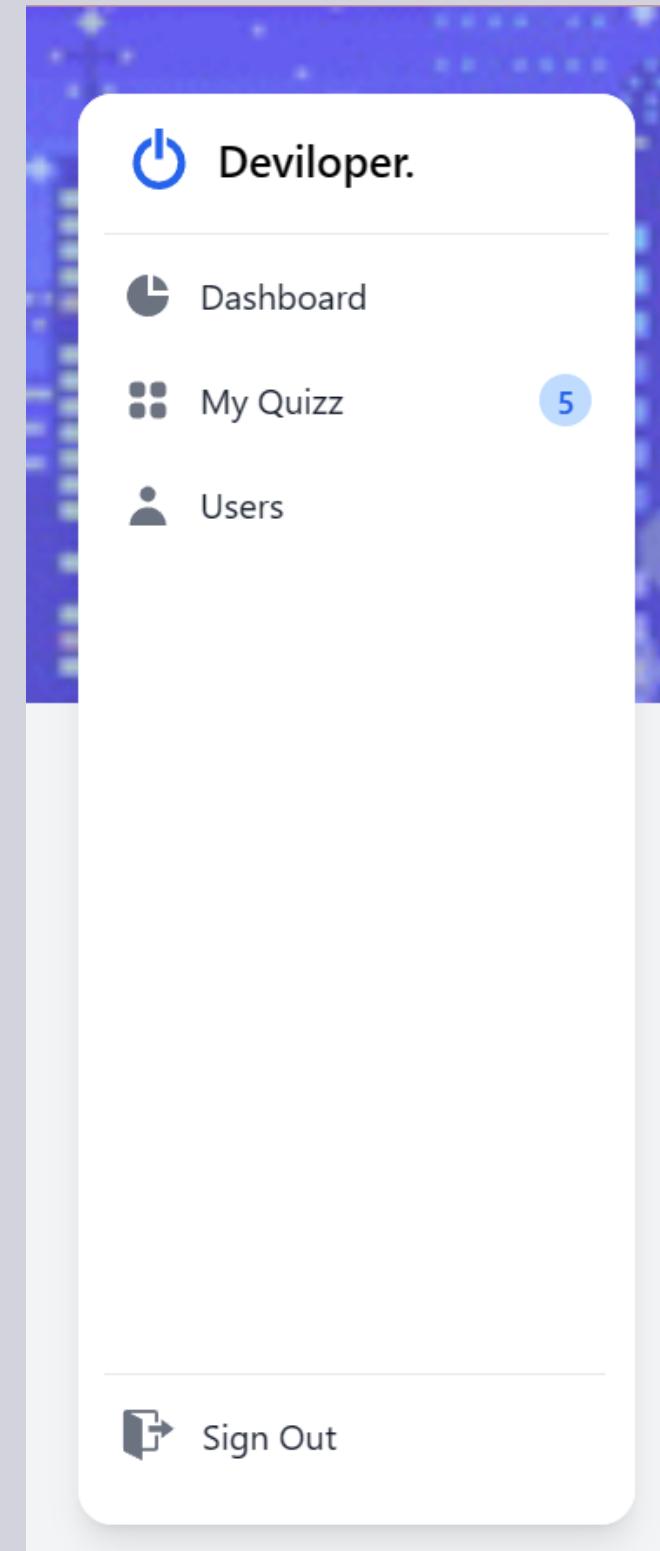
#### Expectation

- Should be uneditable

#### Output

- correct

# Other buttons



## DASHBOARD BUTTON ONCLICK

Expectation

- Direct to dashboard page



## MY QUIZZES BUTTON ONCLICK

Expectation

- Direct to my quizzes page

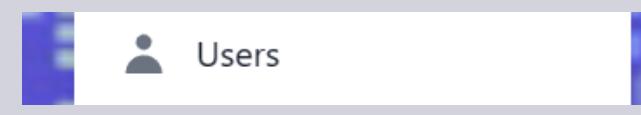


# Other buttons



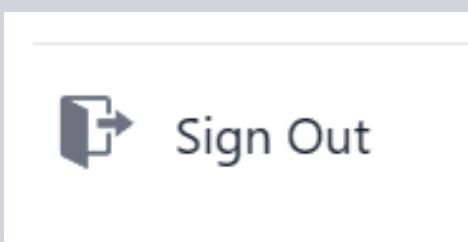
## PROFILE BUTTON ONCLICK

Expectation > Direct to user profile page



## USER BUTTON ONCLICK

Expectation > Direct to user profile page



## SIGN OUT BUTTON ONCLICK

Expectation > Sign out and direct to home page



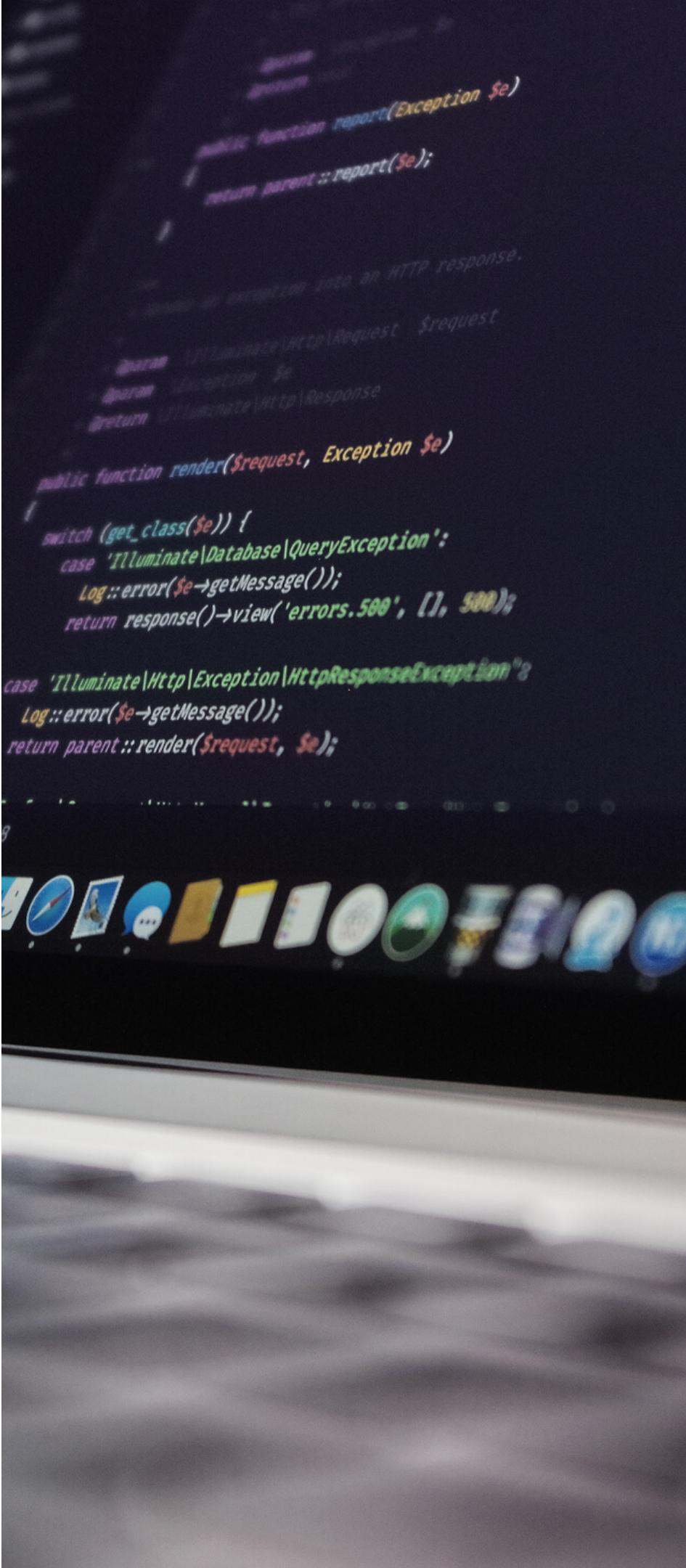
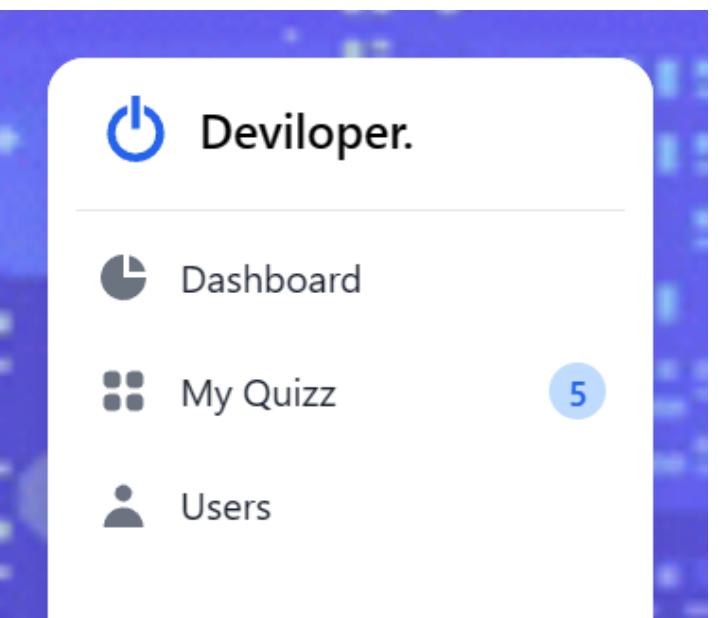
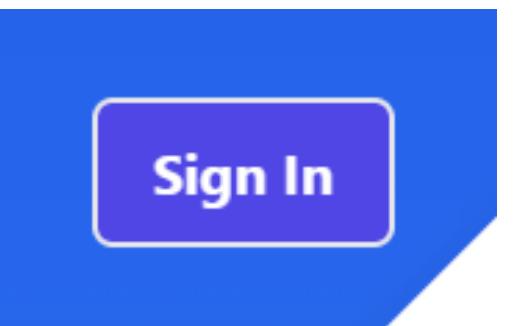
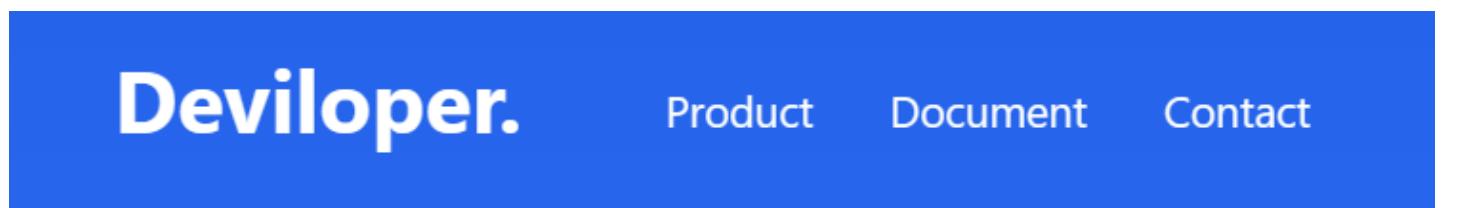


# NON-FUNCTIONAL TEST

USER  
INTERFACE  
BLACK  
-BOX  
TESTING

MANUAL TESTING

# MISSPELLING TEXT DISPLAYED



# WRONG DATA DISPLAYED

My Quizz			
SUBJECT	AUTHOR	DATE	POINTS
Advance	Switch	1/17/2023	10/10
OOP	Switch	1/16/2023	10/10
Math	Switch	1/16/2023	10/10
Database	Switch	1/16/2023	10/10



# DARK MODE DEFECT

Developer.

Dashboard

My Quizz 5

Users

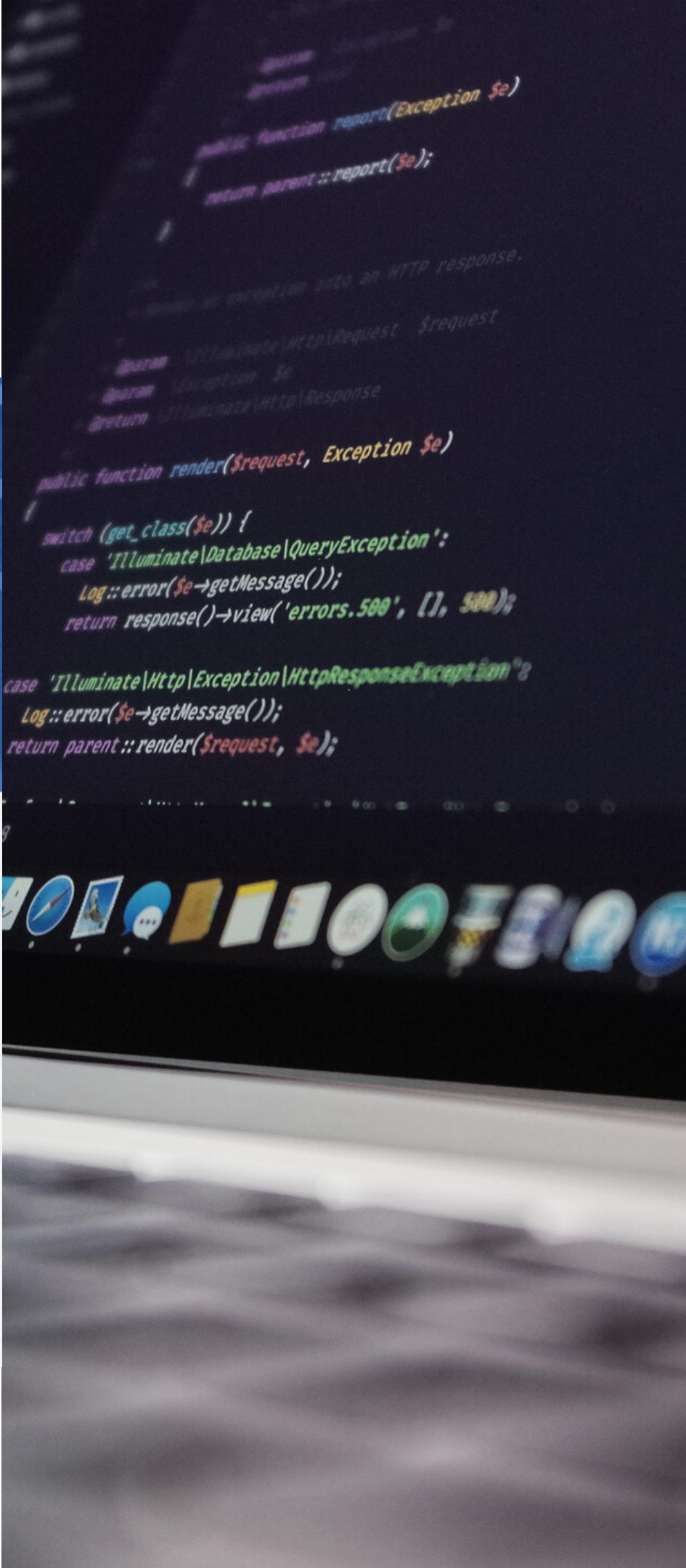
Sign Out

Pages / My Quizz

My Quizz

SUBJECT	AUTHOR	DATE	POINTS
Advance	Switch	1/17/2023	10/10
OOP	Switch	1/16/2023	10/10
Math	Switch	1/16/2023	10/10
Database	Switch	1/16/2023	10/10
Software Engineering	Switch	1/16/2023	10/10

+



# After edition

The screenshot shows the 'EasyQ' application interface. On the left is a dark sidebar with a navigation menu:

- EasyQ (with a power icon)
- Dashboard
- My Quizzes (selected, indicated by a blue circle with the number 2)
- User

On the right, the main content area displays the 'My Quizzes' page with the following header:

Pages / My Quizzes  
My Quizzes

The page features a table titled 'My Quizzes' with the following columns: TITLE, CATEGORY, AUTHOR, DATE, and STATUS. The table contains five rows of data:

TITLE	CATEGORY	AUTHOR	DATE	STATUS
vvdvr	ggrgre	SUPARIDA SILPASITH	2/15/2023	Online
gggrdg	grdggr	SUPARIDA SILPASITH	2/15/2023	Online
g	grdggr	SUPARIDA SILPASITH	2/15/2023	Online
Network	Mid Term	THUN ANANTARAT	2/15/2023	Online
Internet	Mid Term	THUN ANANTARAT	1/16/2023	Online

Each row has two action buttons on the right: a green play icon and a red trash bin icon.

At the bottom right of the main content area is a blue circular button with a white plus sign (+).

At the bottom left of the sidebar is a 'Sign Out' button.

# Dashboard page

The screenshot shows the dashboard of the EasyQ. application. The top navigation bar includes the logo "EasyQ.", a search bar with placeholder "Pages / Dashboard", and a user profile icon for "SUPARIDA". A yellow toggle switch is visible on the right. The main content area displays the following information:

- Subject:** 26111 Internet and Online Commu... (with a blue circular icon)
- All Category:** 1 (with a red circular icon)
- All Quiz:** 2 (with a yellow circular icon)

Below this, there is a section for "Category" with a purple circular icon and the text "Category: Mid Term". At the bottom left, there is a "Sign Out" button.

# Site Responsive test

## Home



Am I Responsive? (ui.dev)



# SUS score by Stakeholder

Average: 62.5 %

P. Kampol 75%

P. Navadon 50%



Product features

# Demonstration

EasyQ ([se-quizz.vercel.app](https://se-quizz.vercel.app))

# Retrospective on Sprint#1

## Four whats method

- **WHAT WENT WELL?**
- **WHAT WENT BADLY?**
- **WHAT DID WE LEARN?**
- **WHAT WILL WE CHANGE?**

# What went well?

- efficiently front-end dev
- Everyone is responsible for their work
- fast problem solving

# What went badly?

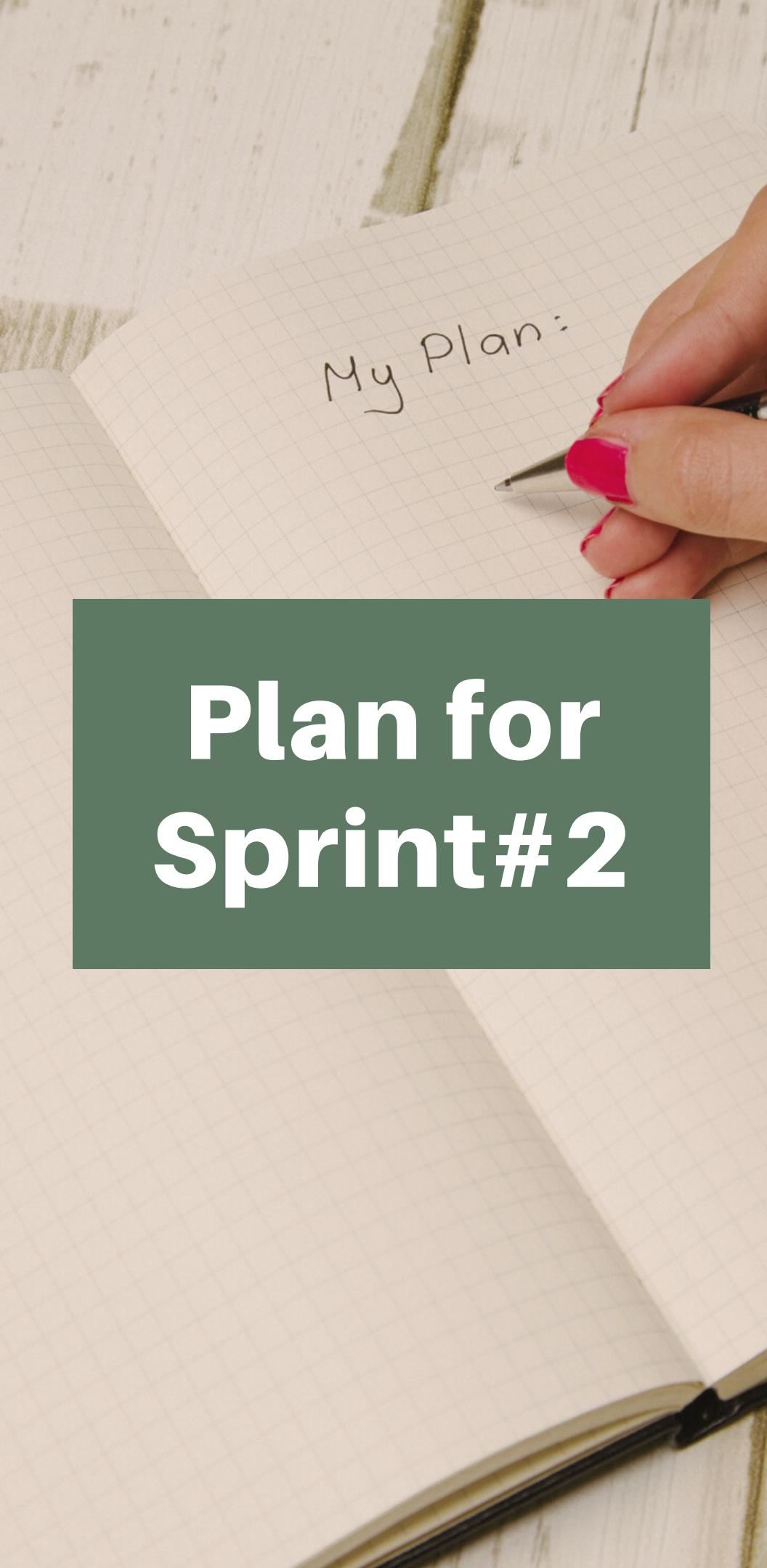
- not good at dividing part of the work, so didn't take full performance of every one
- not enough meetings
- waste time creating a new plan, because of failure to work according to the plan and don't understand requirements well enough

# What did we learn?

- It is important to keep monitoring and evaluating work
- Talking with stakeholder to understand requirements and problems to create srs and scope
- Everyone should understand scope of work in the same direction

# What will we change?

- plan the better work phase
- Make more meetings
- Ask stakeholder about the requirement if there is a next appointment
- Divide the scope of work clearly so that each person can do their part



## Plan for Sprint#2

# FEBUARY

**1 - 16**

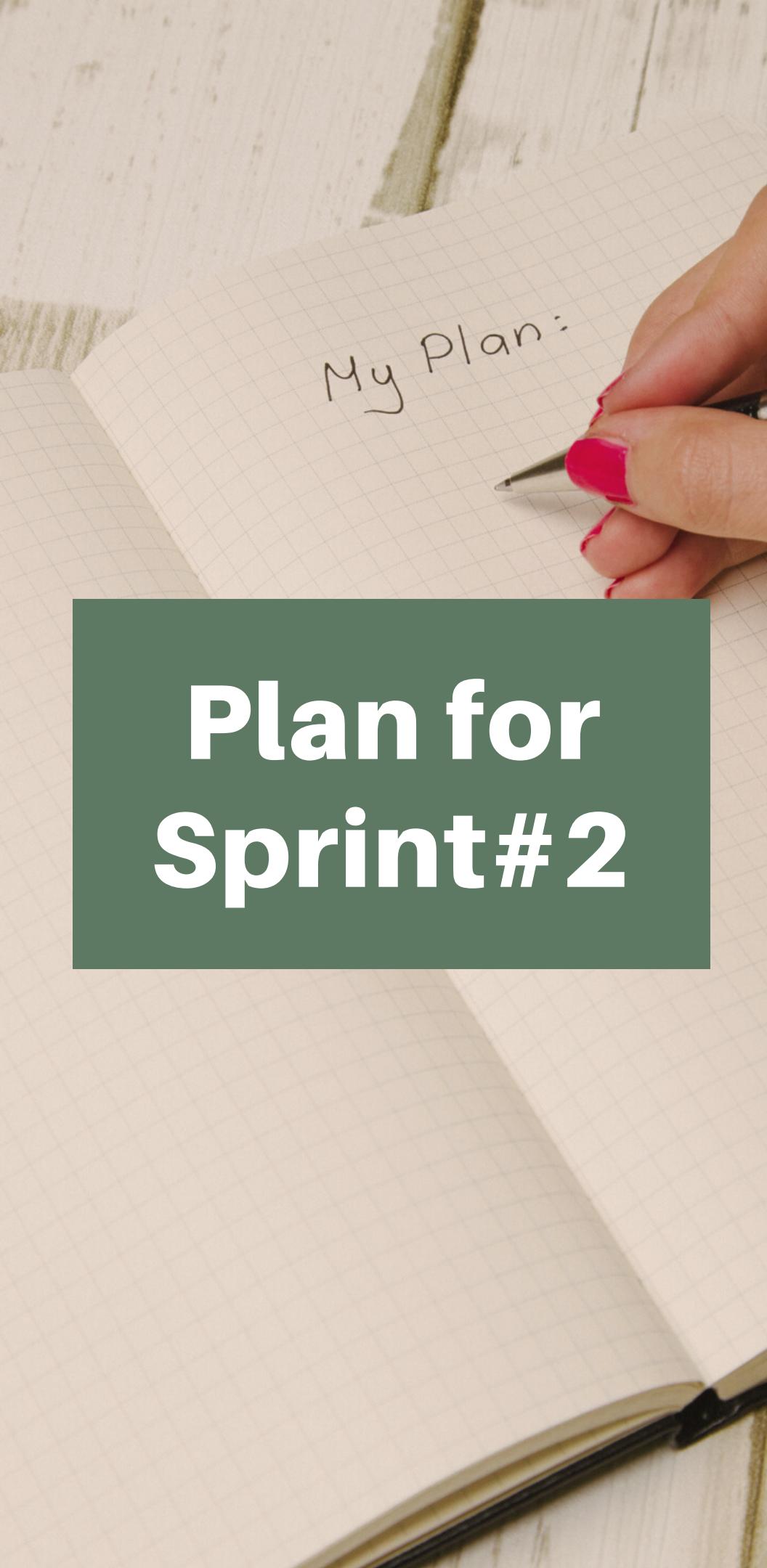
- SA worked on documentary syntax
- Backend dev constructing classes and methods

**17 - 24**

- Frontend dev work on API
- Backend dev complete Parser and Tokenizer

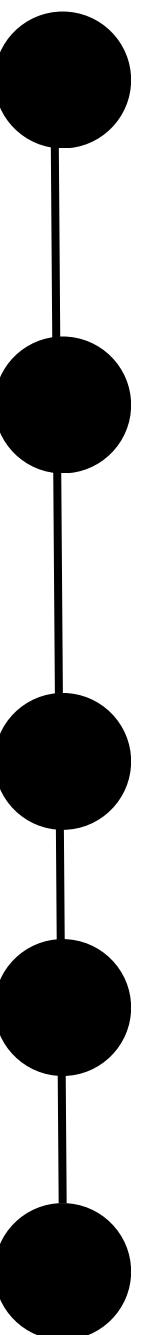
**24 - 28**

- Function test - Frontend/Backend
- Meet stakeholder - quiz requirement
- Adjusting product and document syntax (if needed)



## Plan for Sprint#2

# MARCH



1 - 3

- Frontend and Backend Integration
- Integration test

4 - 6

- Product consulting among team members
- Product consulting with stakeholder

7 - 9

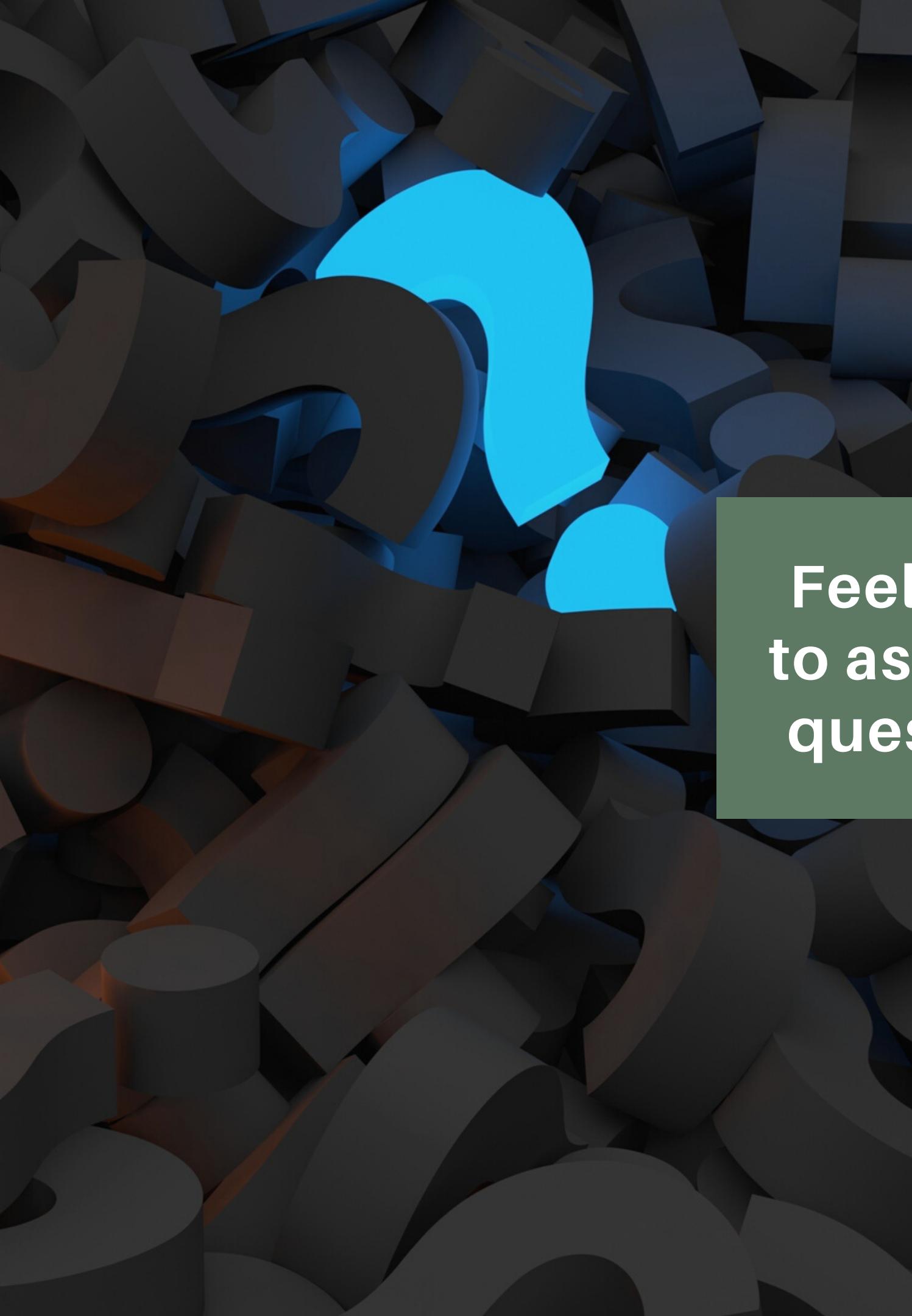
- System test

10 - 12

- Fix all functions to release final product

13

- Final product release



Feel free  
to ask any  
question



# Q&A