



TEAM NEURONS

GROUP MEMBERS

01

CHRISTOPHER KHAJIRA

02

IMELDA JULLIET ALWANA

PROJECT OVERVIEW

- A web based application that will allow users to input educational content for summarization and quiz generation.

PROJECT OBJECTIVES

Objective 1

Provide concise summaries for educational content.

Objective 2

Provide interactive quizzes to enhance engagement.

Objective 3

Provide personalized learning tailored to user preferences



RESPONSIBILITIES



CHRISTOPHER

- LLM MODEL
- QUIZ GENERATION
FEATURE
- STUDENT PROGRESS
FEATURE
- TESTING
- INTEGRATION

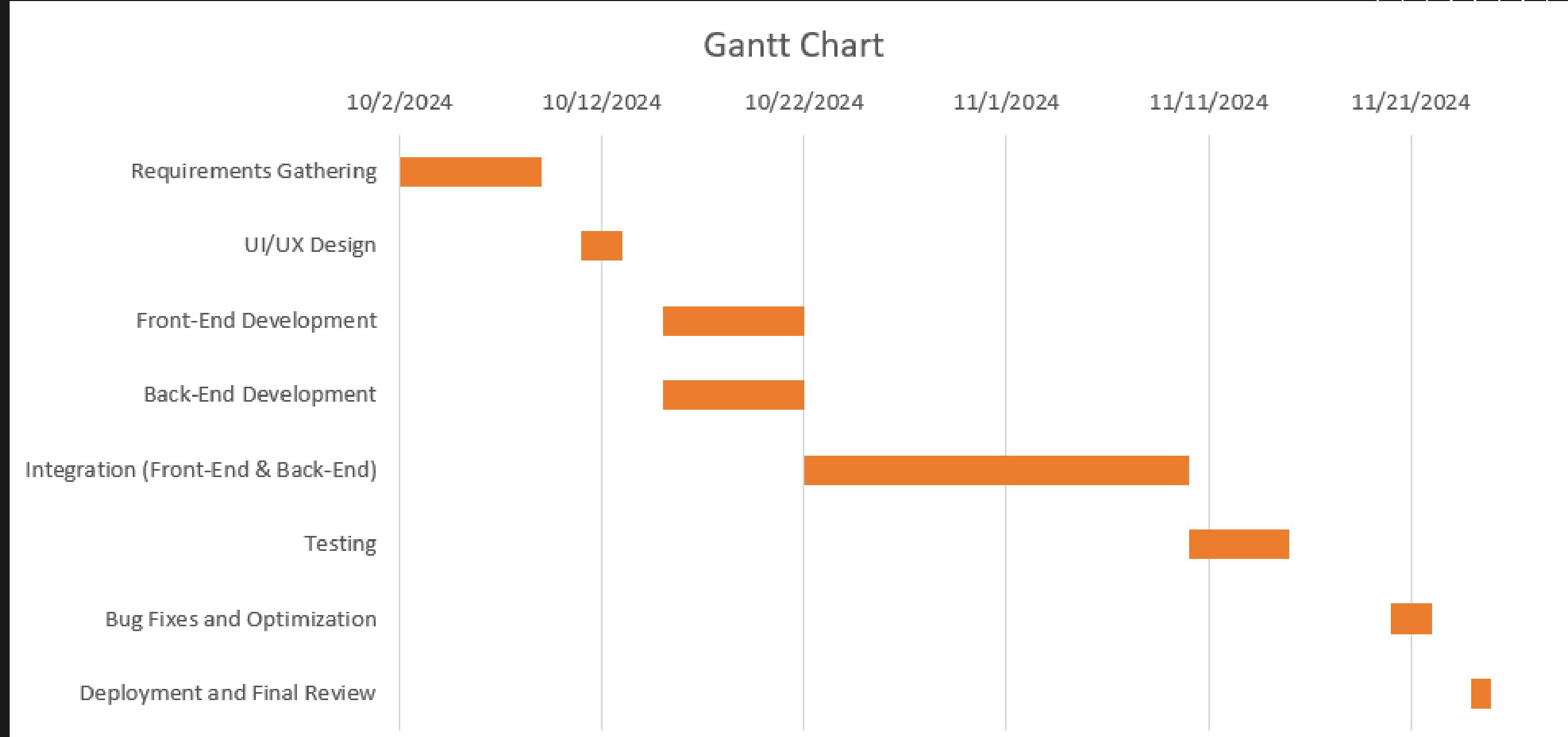


JULLIET

- LOGIN AND
AUTHENTICATION
- SUMMARY GENERATION
FEATURE
- TESTING
- INTEGRATION

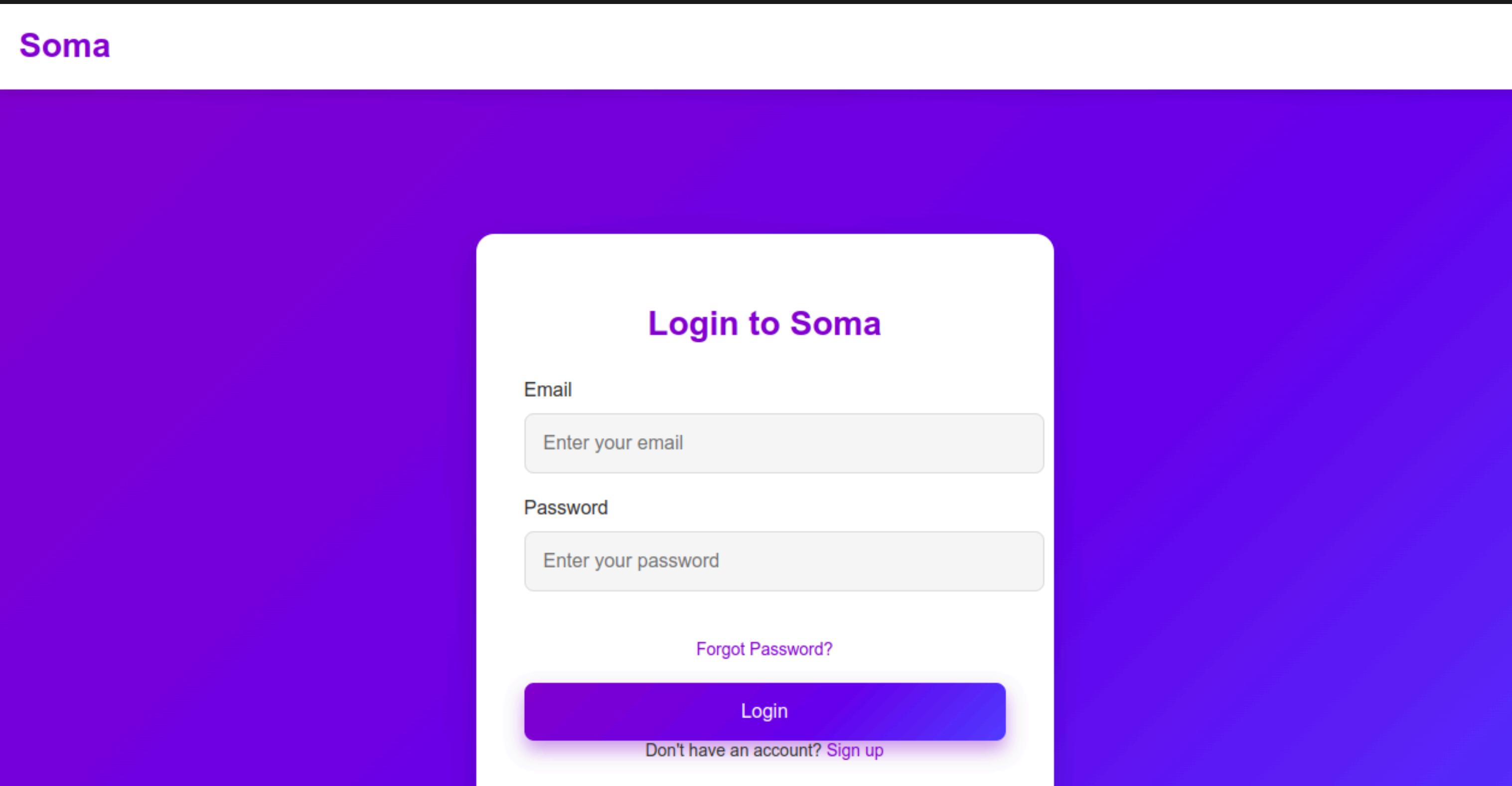
PROJECT TIMELINE

Gantt Chart



MOCKUPS

LOGIN



The image shows a login screen for the Soma app. At the top left, there is a purple header bar with the word "Soma" in white. Below this is a large purple background area containing a white rectangular login form. The form has a title "Login to Soma" at the top. It includes two input fields: one for "Email" with placeholder text "Enter your email" and another for "Password" with placeholder text "Enter your password". Below the password field is a "Forgot Password?" link. At the bottom of the form is a large blue "Login" button. Underneath the button, there is a link "Don't have an account? Sign up".

Soma

Login to Soma

Email

Enter your email

Password

Enter your password

Forgot Password?

Login

Don't have an account? [Sign up](#)

SUMMARY TEXT INPUT PAGE

The screenshot shows a web application interface for generating summaries. At the top left, the word "Soma" is displayed in a purple font. To the right, there is a navigation bar with links: "Dashboard", "Summaries", "Quizzes", and "Logout". The main content area has a white background with rounded corners. In the center, the text "Generate a Summary" is displayed in a bold, dark blue font. Below this, the instruction "Paste or Upload Your Content" is shown in a smaller, dark blue font. A large, light gray text input field occupies the next section, with the placeholder text "Paste your content here" centered within it. At the bottom of the page, a wide, dark blue button contains the text "Generate Summary" in a white, sans-serif font.

Soma

Dashboard Summaries Quizzes Logout

Generate a Summary

Paste or Upload Your Content

Paste your content here

Generate Summary

QUIZ PAGE

Soma

Dashboard Summaries Quizzes Logout

Quiz: Test Your Knowledge

1. What is the process of photosynthesis?
 - A. The conversion of light energy into chemical energy in plants
 - B. The process by which plants absorb oxygen
 - C. The release of water vapor from plant leaves
 - D. The movement of nutrients through the plant roots

Submit Answer

SUMMARY RESULT PAGE

Soma

[Dashboard](#) [Summaries](#) [Quizzes](#) [Logout](#)

Summary Result

Summarized Content:

Photosynthesis is the process by which plants convert light energy into chemical energy, specifically glucose. This process takes place in the chloroplasts of plant cells, using sunlight, water, and carbon dioxide as inputs. The result of photosynthesis is the production of glucose and oxygen, the latter being released into the atmosphere.

This biological process is essential for the survival of plants and forms the base of the food chain. Furthermore, it plays a significant role in maintaining the balance of oxygen and carbon dioxide in Earth's atmosphere.

[Generate Quiz](#)

**THANK YOU
FOR
LISTENING**

