



UNIVERSITY OF CALOOCAN CITY
COMPUTER ENGINEERING DEPARTMENT



Software Design

Progress Report No. 3

Identifying Roles

Submitted by:

Asugas, Kenneth R.

Delinia, Filjohn B.

Eulin, Ryan Bertrand B.

Maringal, Czer Justine D.

Polestico, Paul Justine D.

Instructor:

Engr. Maria Rizette H. Sayo

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I. Objectives

- Collaborate effectively to develop a high-quality web and mobile application.
- Ensure a seamless, intuitive, and engaging user experience through thoughtful UI/UX design.
- Build robust front-end and back-end systems that are efficient, reliable, and maintainable.
- Conduct thorough testing to identify and resolve issues, ensuring system integrity.
- Complete the project on time, within scope, and aligned with budget and overall vision.

II. Methods

- Used **Microsoft Word** for plotting, planning, and organizing project tasks.
- Used **Google Chrome** for researching relevant information and references.

III. Results

Group: HAMPED Devs

Project Manager	Front-End Software Engineer	Front-End Software Engineer
Maringal, Czer Justine D.	Hermosura, Leigh B.	Asugas, Kenneth R.
Responsibility: <ul style="list-style-type: none">• Establishing the project's vision.• Overseeing the task list, prioritizing needs based on scope, budget, and timeline.• Managing the progress and development of the project.	Responsibility: <p>Design and develop a visually appealing and intuitive user interface (UI) and user experience (UX) to ensure a seamless and engaging interaction for users. This includes carefully crafting the layout, navigation, and overall aesthetics of the application to align with user needs and expectations.</p>	Responsibility: <p>Create and refine an attractive, user-friendly interface (UI) and overall user experience (UX) that promotes smooth and enjoyable user interactions. This involves thoughtfully shaping the structure, flow, and visual style of the application to match the preferences, behaviors, and requirements of its intended audience.</p>
Skills: <ul style="list-style-type: none">• Strong team communication and collaboration abilities.• Skilled at identifying problems and implementing effective solutions.• Proficient in managing time and prioritizing tasks efficiently.	Skills: <ul style="list-style-type: none">• Proficient in using front-end development tools and software.• Capable of designing and implementing suitable elements within an application.	Skills: <ul style="list-style-type: none">• Experienced in utilizing front-end development technologies and platforms.• Skilled at creating and integrating appropriate interface components within an application.

Back-End Software Engineer	Back-End Software Engineer	Tester
Delinia, Filjohn B.	Eulin, Ryan Bertrand B.	Polestico, Paul Justine D.
<p>Responsibility:</p> <p>Primarily concentrates on building the business logic and data handling components, while also managing the server-side operations of the mobile application. This includes ensuring that the backend processes function efficiently and support the overall performance of the app.</p>	<p>Responsibility:</p> <p>Focuses largely on creating the application’s core functional processes and managing how data is processed and stored, while also overseeing all backend activities of the mobile app. This involves making sure that server-side systems run smoothly, remain stable, and effectively contribute to the app’s overall performance and reliability.</p>	<p>Responsibility:</p> <p>Performs manual testing to ensure the system functions correctly, examining its behavior from a technical standpoint rather than the way typical end-users would interact with the finished product.</p>
<p>Skills:</p> <ul style="list-style-type: none">● Strong proficiency in Flutter development.● Experienced in integrating and managing Firebase databases.● Familiar with version control systems, including Git.● Capable of managing and maintaining a hosting environment.	<p>Skills:</p> <ul style="list-style-type: none">● Advanced expertise in Flutter development.● Skilled in implementing and handling Firebase database solutions.● Knowledgeable in version control systems such as Git.● Competent in overseeing and maintaining hosting environments.	<p>Skills:</p> <ul style="list-style-type: none">● Skilled at suggesting alternative solutions for resolving errors.● Proficient in analyzing bugs and providing actionable insights.● Capable of generating detailed reports based on testing results.

IV. Conclusion

The HAMPED Devs team is prepared to begin developing a web and mobile application. With a clear plan, defined roles, and the use of tools like Microsoft Word for plotting and Google Chrome for research, the team is set to collaborate effectively. This preparation ensures a strong foundation for successfully executing the project while promoting teamwork, organization, and efficient development practices. Each member brings unique skills and expertise that will contribute to the project’s overall success. By combining careful planning with effective communication, the team aims to create a high-quality application that meets user needs and project objectives.

References

[1] Co Arthur O.. “University of Caloocan City Computer Engineering Department Honor Code,” UCC-CpE Departmental Policies, 2020.