California State University, Sacramento

College of Engineering and Computer Science

CSC 131 : Computer Software Engineering

Project Proposal Instructional Prompt

The project proposal should contain a formal problem statement, proposed solution, intended feature, technologies you are planning to use and project plan with a task schedule and team members' roles.

Project Title: A title that you would like to use for this project, all documentations must be titled same.

Objective: Your objective is to create a detailed project plan for the development of your digital platform that will assist individuals experiencing social or organizational issues. Your project proposal should address the problem overview, analysis, and proposal sections provided, and outline the key steps and components required to implement this platform successfully.

Instructions:

> **Project Overview:** Begin by summarizing the key problem: the homelessness crisis in America and the challenges faced by homeless individuals or the social and cultural issues the international students face on campus or the dis-organizational issues the career center faces during a career fair. Explain the need for a multifunctional digital platform to address these challenges. Provide a brief introduction to the proposed solution, which is a website or a mobile app offering information and resources.

> **Analysis:** Expand on the analysis section, discussing in detail the current state of these problems in the society, available government aid, and any support. Explain the significance of bridging the gap between resources and the difficulties. Discuss the benefits of creating a dynamic platform with updated information.

> **Proposal:** Present a comprehensive plan for the proposed platform, addressing the following key elements:

> - **Platform Features:** Detail the features of the platform

> - **Primary Contribution:** Highlight how the platform will meet the main features of your platform.

- **User Interface:** Describe the user interface and how users will navigate the platform to access the information and resources they need. Discuss the importance of user-friendliness.

- **Dynamic Updates:** Emphasize the need for frequent updates or a dynamic approach to maintaining program information. Explain how this will benefit users.

- **Competitive Analysis:** Discuss the shortcomings of existing similar platforms apps and explain how your proposed platform will overcome these limitations.

Project Timeline: Create a high-level timeline outlining the major milestones and estimated completion dates for the project, from planning and development to testing and deployment.

Budget Estimate: Provide a rough estimate of the budget required for the project, including development costs, hosting fees, and any other relevant expenses.

Project Team: List the key roles and responsibilities of the team members who will be involved in the project. Include any external partners.

Conclusion: Summarize the project proposal, reiterating the importance of addressing homelessness and the potential impact of the proposed platform.

References: Provide proper citations and references to support your claims.

Signature: All team members must include their signatures at the end of the document.