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| **SE 3304 Introduction To Software Engineering, Spring 2024** PPF: Project Proposal Form | |
| **Name Surname:** | Bahadır Erdem |
| **Project Codename:**  “Project initials max 6 letters” | SACOP |
| **Project Title:** | Student Academic Collaboration and Organization Platform |
| **Project Brief Summary**  “Write some details of your problem definition (that is your Requirement Specification Document v0.0) here. Writing a single sentence that is ambiguous is not acceptable but do not write multiple pages either. | The Student Academic Collaboration and Organization Platform (SACOP) aims to provide a user-friendly online environment to collaborate on course materials, share notes, ask questions, and coordinate group activities effectively within their academic communities. The platform will include features such as note uploading, forum-style discussion boards, group management tools, and activity planning functionalities to facilitate seamless collaboration and organization among students. |
| **Project Dependencies: Users**  “Briefly explain what kind of users will use your project, what will be the possible roles. Your project must have at least 3 different roles” | Student Users: They are the primary users of the platform who will use its features to collaborate on course materials, share notes, participate in forum discussions, and engage in group activities. They will have access to uploading notes, asking questions, joining groups, and participating in various activities.  Group Leaders/Managers: This role involves students who take on leadership positions within course groups or student clubs. Group leaders will have additional privileges, such as creating and managing groups, scheduling activities, and moderating group discussions in the forums.  Administrators: Administrators are responsible for overseeing the overall functioning of the SACOP platform. Their roles include user management, system maintenance, content moderation, and ensuring platform security. They will have access to administrative tools and controls to manage user accounts, monitor activities while ensuring data privacy, and enforce platform policies. |
| **Project Dependencies: Data storage**  “Briefly explain what kind of data will your project stores. Describe how you propose to store this data (e.g., simple files, database, cloud storage). Briefly justify your choice.” | User Data: User profiles, authentication credentials, and contact information.  Course Materials: Notes, documents, presentations, and other course-related resources uploaded by students.  Forum Posts and Discussions: Textual data from forum discussions, including questions, answers, and comments.  Group Information: Details about student groups, including group names, descriptions, member lists, and group activities.  Activity Plans: Information regarding planned activities, including event details, schedules, and participant lists.  To store this data, a database (MySQL) will be used. |
| **Project Dependencies: Graphical User Interface**  **“**Briefly explain what kind of Interfaces will your project include. Explain your ideas on how the user interface will look and function for your project.” | User Profile Interface:  Users can view and edit their profiles, including personal information, profile picture, and contact details. And view their enrolled courses, group memberships, and upcoming activities.  Course Pages Interface:  Each course page provides access to course materials, announcements, and discussions. Users can upload and share course notes, documents, and resources.  Forum Interface:  Discussion threads are organized by topic or module, allowing users to ask questions, share insights, and collaborate with peers.  Group Management and Activity Planner Interface:  Users can create, join, and manage student groups or clubs through this interface. Group leaders have additional privileges to create group events, assign tasks, and manage group members. The activity planner allows users to propose and schedule group activities, such as study sessions, workshops, or social events.  Admin Dashboard:  The admin dashboard provides administrators with an overview of platform activities, user statistics, and system health.  Administrators can manage user accounts, permis  sions, and content moderation.  Advanced features include analytics, reporting tools, and system configuration options. |

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| **Procedure for SE 3304 Project Assignment**   1. Fill the Project Assignment Form (PAF) out and get the approval of your Instructor or lab assistant until the end of Week 5. 2. You may modify your project proposal form with respect to your feedback. 3. Note that you will send a report document in the end of the semester. |

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