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| **INFO8231 Assignment 4 Section 03 Team 03**  *By signing below, I certify that I have fully complied with the INFO8230 Code of Honor.*  Student 1: Harit Thoriya  Student 2: Pankaj Valani  Student 3: Ramandeep Singh  Student 4: Kishan Bhalani  Student 5: Heet Raval |

**INFO8231**

**Team Assignment 4**

**Task 1: Use Case Description with Wireframes, SSD and AD**

**1A.** **Fully-developed Use Case Description**

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| Use Case # | UC11 | |
| Use Case Name | Student Team looks up the list of approved client proposal | |
| Scenario | Student team wants to access the list of approved client project proposal so that they can see the proposal with filter and decide which project is suitable for them. | |
| Triggering Event | Student team which is not assigned to any project wants to see the number of approved projects to send request. | |
| Brief Description | When student team open the menu to show list of approved client proposal and apply the filter to see particular proposal where they can see all details about projects, project files and clients so that they can decide whether they should send request to client for this project or not. | |
| Primary Actor | Student Team | |
| Included Use Cases (if any) |  | |
| Stakeholders | Clients and Students | |
| Pre-conditions | * Student must be authorized to access the system. * Student Team must be created and approved by the faculty. * Project proposal must not be assigned to any student team. | |
| Post-conditions | * System must display list of approved client project proposal. * Student team can see the detailed information about approved project of client such as detailed project description, project files, company information and client information. * System must display project proposal according to filter. | |
| Wireframe(s) |  | |
| Flow of Activities | **Actor** | **System** |
| 1. Student team open the project list proposal section. 2. Student team apply the filter to see specific project proposal. 3. Student team sees the list of approved client project proposal. | 1.1 System fetch the data of approved project proposal which is not assigned to any student team.  2.1 System fetch the data according to the filter given by user.  3.1 System display the data of projects in organized, readable and with good design. |
| Exception  Conditions | * System is not available because of server down or database couldn’t reachable. * Gives wrong information, if client has given wrong information about it by mistake. * System can not apply the filter properly. | |

**1B.** **System Sequence Diagram (SSD)**

A diagram of a project

Description automatically generated

**1C.** **Activity Diagram (AD)**

A diagram of a project

Description automatically generated

**Task 2: Use Case Description with Wireframes and SSD**

**2A.** **Fully-developed Use Case Description**

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| Use Case # | UC12 | |
| Use Case Name | Student Team apply to proposals. | |
| Scenario | Student Team wants to apply to zero or more project proposal after seeing numbers of unassigned project proposal. | |
| Triggering Event | Student team which is not assigned to any project wants to send request to client to work on that project. | |
| Brief Description | Student team lookup the list of clients unassigned project proposal and decide which project is best for them and then send zero or more request for project proposal to clients. | |
| Primary Actor | Student team. | |
| Included Use Cases (if any) |  | |
| Stakeholders | Clients, students, faculty, and program coordinator. | |
| Pre-conditions | * Student must be authorized to access the system. * Student Team must be created and approved by the faculty. * Student Team must not be assigned to any other project proposals. * There should be at least one proposal available. | |
| Post-conditions | * Request is created and associated with student team. * Requested project proposal list should be updated with associated student team. * System sends the generated request to client. | |
| Wireframe(s) |  | |
| Flow of Activities | **Actor** | **System** |
| 1. Student team lookup list of client proposal. 2. Student team send request to zero or more client proposal. 3. Student team see the message: “Successfully requested to client”. | * 1. System fetches proposal data which is unassigned and display to client.   2. System generated the request associated with that student team.   3. System sends that request to client.   3.1 System notifies student team that request has been sent successfully. |
| Exception  Conditions | * System is not available because of server down or database couldn’t reachable. * System can’t accept the proposal request of team because some one already has been assigned while student team is sending the request. | |

**2B.** **System Sequence Diagram (SSD)**

A screenshot of a project

Description automatically generated

**Task 3: CRUD Matrix**

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|  | **Use Case** | | | |
| **Domain Class** | UC11: Student Team looks up the list of approved client proposal | UC12: Student Team apply to proposals. | Cancel a student team application | Attach document to a client proposal |
| Student | R | R | R | - |
| StudentTeam | R | R | R | - |
| Client | R | R | R | R |
| Project | R | R | R | RU |
| StudentTeamProjectApplication | - | CU | D | - |