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| **INFO8231 Assignment 2 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: Kishan Bhalani  Student 4: Ramandeep Singh  Student 5: Heet Raval |

**INFO8231**

**Team Assignment 2**

**Task 1: ITCPA CPMS Event Table using User Goal Technique**

**Subsystem Name**: Capstone Project Matching Subsystem

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Event Type | Event | Trigger | Source | Use Case ID | Use Case | Response | Destination |
| **External** | Student team want to check all available client project | Project inquiry | Student | UC11 | View available project | View all the project with available states | Student |
| **External** | Student team request to client for interest in project and get approval from him. | Request is generated for project approval | Student | UC12 | Request Client for project | Client notify with students team’s interest with proposal project | Client |
| **External** | Assign project to team | Student team assigned to project and project status changed | Faculty advisor | UC13 | Assign project | Student, client notify for assigned project | Student and Client |

**Table 1: Event Table for ITCPA CPMS**

**Task 2: ITCPA Event Table using Event Decomposition Technique**

**Subsystem Name**: Student Team Management Subsystem

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Event Type | Event | Trigger | Source | Use Case ID | Use Case | Response | Destination |
| **External** | Students want to send request to faculty for team approval | Team request is created and stored in database | Student team | UC21 | Request for team | Team request created | Faculty advisor |
| **External** | Faculty advisor approves the student team | Student team request sent to approve | Faculty advisor | UC22 | Approve team | Student team request is approved. | Student |
| **State** | Student team is notified for their team request. | Notification / email generated and send to students | System | UC23 | Notify students about approval | Student is notified with email / system | Student |
| **External** | Students update the team request that is sent to Faculty advisor. | Updating of the team request | Student | UC24 | Update team request | Team request has been updated. | Faculty advisor |
| **Temporal** | F.A. is notified about student with no team before deadline. | Notification about remaining student is generated. | System | UC25 | Notify Faculty advisor about student with no team | Faculty advisor has been notified. | Faculty advisor. |

**Table 2: Event Table using Event Decomposition Technique**

**Task 3: ITCPA Use Case Diagram (UCD)**

A diagram of a company

Description automatically generated