# Artifact#2

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**Fully Dressed / Expanded Use Cases for FYP Management System**

| Use case ID | 001 |
|---|---|
| Use case | Submit and Save Draft Project Proposal |
| Actor | Student |
| Pre-condition | Student must be logged in and have access to the proposal submission module. |
| Post condition | Proposal is saved or submitted successfully and awaits supervisor review. |
| Normal Flow | |

| Actor Action | System Response |
|---|---|
| 1. Student enters project details. | 2. System validates the entered data. |
| 3. Student uploads proposal files. | 4. System stores the uploaded data. |
| 5. Student clicks Save or Submit. | 6. System saves as draft or submits for review. |

| Alternative Flow | 3a. If validation fails, the system displays an error message prompting corrections. |
|---|---|

| Use case ID | 002 |
|---|---|
| Use case | View Historical Project Archive and Teacher Availability |
| Actor | Student |
| Pre-condition | Student must be logged in. |
| Post condition | System displays a list of historical projects and teacher availability. |

| Normal Flow | | |
|---|---|---|
| | Actor Action | System Response |
| | 1. Student selects 'View Archive'. | 2. System displays archived project list. |
| | 3. Student views teacher availability. | 4. System retrieves and shows teacher information. |

| Alternative Flow | 2a. If no data exists, the system displays 'No records found'. |
|---|---|


| Use case ID | 003 |
|---|---|
| Use case | Upload Documents and Mark Milestones |
| Actor | Student |
| Pre-condition | Student must have an approved project proposal. |
| Post condition | Uploaded files and milestone statuses are saved successfully. |

| Normal Flow | | |
|---|---|---|
| | Actor Action | System Response |
| | 1. Student uploads project documents. | 2. System validates and stores files. |
| | 3. Student marks milestone complete. | 4. System updates milestone progress. |
| | 5. Student confirms completion. | 6. System displays success message. |

| Alternative Flow | 4a. If upload fails, system prompts to retry. |
|---|---|


| Use case ID | 004 |
|---|---|
| Use case | Track Project Status and View Final Grades |
| Actor | Student |
| Pre-condition | Student must have a registered project. |
| Post condition | System displays updated progress reports and final grades. |

| Normal Flow | | |
|---|---|---|
| | Actor Action | System Response |
| | 1. Student opens project dashboard. | 2. System retrieves project progress and grades. |

| | 3. Student reviews feedback. | 4. System shows details of supervisor comments and grading. |
| --- | --- | --- |
| Alternative Flow | 2a. If grades are pending, the system displays 'Results Awaiting Approval'. | |

| Use case ID | 005 | |
| --- | --- | --- |
| Use case | Review, Approve, or Reject Project Proposals | |
| Actor | Teacher/Supervisor | |
| Pre-condition | Teacher must be logged in and assigned proposals for review. | |
| Post condition | Proposal is approved, rejected, or sent for revision. | |
| Normal Flow | | |
| | Actor Action | System Response |
| | 1. Teacher reviews submitted proposal. | 2. System displays proposal details. |
| | 3. Teacher selects Approve/Reject. | 4. System updates proposal status. |
| | 5. Teacher provides comments. | 6. System notifies student of decision. |
| Alternative Flow | 3a. If incomplete, teacher returns proposal for student revision. | |

| Use case ID | 006 | |
| --- | --- | --- |
| Use case | Update Project Status and Approve Milestones | |
| Actor | Teacher/Supervisor | |
| Pre-condition | Teacher must be logged in and supervising a project. | |
| Post condition | System records milestone updates successfully. | |
| Normal Flow | | |
| | Actor Action | System Response |
| | 1. Teacher reviews milestone submission. | 2. System retrieves milestone details. |
| | 3. Teacher approves milestone. | 4. System updates milestone status. |
| | 5. Teacher provides feedback. | 6. System saves changes and |

| | notifies student. |
|---|---|
| Alternative Flow | 3a. If milestone incomplete, teacher marks as 'Needs Improvement'. |

| Use case ID | 007 |
|---|---|
| Use case | Evaluate Students and Provide Grades |
| Actor | Teacher/Supervisor |
| Pre-condition | Teacher must be logged in and assigned to the students. |
| Post condition | Grades and feedback saved successfully. |
| Normal Flow | |

| Actor Action | System Response |
|---|---|
| 1. Teacher opens evaluation module. | 2. System loads student submissions. |
| 3. Teacher enters grades and feedback. | 4. System validates and stores data. |
| 5. Teacher confirms submission. | 6. System finalizes and notifies students. |

| Alternative Flow | 3a. If submission incomplete, system requests completion before saving. |
|---|---|

| Use case ID | 008 |
|---|---|
| Use case | Set Personal Availability and Supervision Capacity |
| Actor | Teacher/Supervisor |
| Pre-condition | Teacher must be logged in. |
| Post condition | Availability and supervision capacity saved successfully. |
| Normal Flow | |

| Actor Action | System Response |
|---|---|
| 1. Teacher enters available hours. | 2. System validates time entries. |
| 3. Teacher sets supervision limits. | 4. System saves updated schedule. |

| Alternative Flow | 3a. If invalid schedule, system prompts for correction. |
|---|---|

| Use case ID | 009 |
|---|---|
| Use case | Evaluate Assigned Projects Using Standard Rubrics |
| Actor | Committee Member |
| Pre-condition | Committee member must be logged in and assigned to projects. |

| Post condition | Evaluation scores recorded successfully. | |
|---|---|---|
| Normal Flow | | |
| | Actor Action | System Response |
| | 1. Committee member opens evaluation form. | 2. System loads rubric criteria. |
| | 3. Member fills in scores. | 4. System validates and saves inputs. |
| Alternative Flow | 3a. If incomplete fields exist, system prompts for completion. | |

| Use case ID | 010 | |
|---|---|---|
| Use case | Submit Evaluation Scores and Feedback | |
| Actor | Committee Member | |
| Pre-condition | Committee member must have completed evaluation. | |
| Post condition | System stores feedback and final scores successfully. | |
| Normal Flow | | |
| | Actor Action | System Response |
| | 1. Member submits scores and feedback. | 2. System validates entries. |
| | 3. Member confirms submission. | 4. System stores evaluation data. |
| Alternative Flow | 3a. If connection fails, system retries submission automatically. | |

| Use case ID | 011 | |
|---|---|---|
| Use case | View Projects Designated for Assessment | |
| Actor | Committee Member | |
| Pre-condition | Committee member must be logged in. | |
| Post condition | List of assigned projects displayed. | |
| Normal Flow | | |
| | Actor Action | System Response |
| | 1. Member selects 'Assigned Projects'. | 2. System retrieves and displays list. |
| | 3. Member views project details. | 4. System opens project overview. |
| Alternative Flow | 2a. If no projects assigned, system shows 'No projects assigned'. | |

| Use case ID | 012 |
|---|---|
| Use case | Mark Presentation Schedule Availability |
| Actor | Committee Member |

| Pre-condition | Committee member must be logged in. |
|---|---|
| Post condition | Availability for presentation scheduling saved successfully. |
| Normal Flow | |

| Actor Action | System Response |
|---|---|
| 1. Member selects available dates. | 2. System records time slots. |
| 3. Member confirms submission. | 4. System saves and displays success message. |

| Alternative Flow | 3a. If schedule overlaps, system displays warning. |
|---|---|

| Use case ID | 013 |
|---|---|
| Use case | Manage All User Accounts and System Roles |
| Actor | Administrator |
| Pre-condition | Admin must be logged in with full privileges. |
| Post condition | User accounts updated successfully. |
| Normal Flow | |

| Actor Action | System Response |
|---|---|
| 1. Admin selects user management option. | 2. System displays user list. |
| 3. Admin edits or removes account. | 4. System validates and updates database. |
| 5. Admin confirms action. | 6. System displays confirmation message. |

| Alternative Flow | 3a. If duplicate user found, system alerts admin. |
|---|---|

| Use case ID | 014 |
|---|---|
| Use case | Configure System Settings and Academic Deadlines |
| Actor | Administrator |
| Pre-condition | Admin must be logged in. |
| Post condition | Settings and deadlines stored successfully. |
| Normal Flow | |

| Actor Action | System Response |
|---|---|
| 1. Admin enters configuration details. | 2. System validates input. |
| 3. Admin saves changes. | 4. System updates configuration |

| | records. |
|---|---|
| Alternative Flow | 3a. If invalid date format, system prompts correction. |


| Use case ID | 015 |
|---|---|
| Use case | Generate Analytical Reports and Export Data |
| Actor | Administrator |
| Pre-condition | Admin must be logged in. |
| Post condition | Reports generated and downloaded successfully. |
| Normal Flow | |

| Actor Action | System Response |
|---|---|
| 1. Admin selects report type. | 2. System retrieves related data. |
| 3. Admin clicks Generate. | 4. System exports report in selected format. |

| Alternative Flow | 3a. If no data available, system shows 'No data found'. |
|---|---|


| **Use case ID** | 016 |
|---|---|
| **Use case** | Monitor Teacher Workload and Assign Projects |
| **Actor** | Administrator |
| **Pre-condition** | Admin must be logged in. |
| **Post condition** | Project assigned successfully, ensuring balanced workload. |
| **Normal Flow** | |

| Actor Action | System Response |
|---|---|
| 1. Admin views teacher workload dashboard. | 2. System displays current supervision counts. |
| 3. Admin assigns student project. | 4. System updates workload and confirms assignment. |

| **Alternative Flow** | 3a. If workload exceeds limit, system suggests alternative supervisor. |
|---|---|


| **Use case ID** | 017 |
|---|---|
| **Use case** | Manage Presentation Scheduling and Backup System Data |
| **Actor** | Administrator |
| **Pre-condition** | Admin must be logged in. |
| **Post condition** | Schedule and system backup completed |

| | |
|---|---|
| | successfully. |
| **Normal Flow** | |
| | | Actor Action | System Response | |---|---|  | 1. Admin finalizes presentation schedule. | 2. System saves presentation data. | | 3. Admin initiates backup. | 4. System completes backup and displays confirmation. | |
| **Alternative Flow** | 3a. If backup fails, system alerts admin to retry. |