**Team:** BoBoBoyz

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| **Existing software:** | Camsys, IPS ( Institute of Postgraduate Studies). |
| **Peer Interview:** | MaybeSoft. |
| **Real Stakeholder:** | IPS staff, Postgraduate student. |

**Functional Requirements**

1. **Profile Management**
   * **Login function**

Users will be able to login by entering the correct user id and password combination through the login page, and will be redirected to the user’s and admin home page respectively.

* + **Logout function**

After logging in, users are able to log out at will by clicking at the logout button and they will be redirected to the website’s homepage.

* + **Update progress**

Supervisors are able to update the progress of the students they’re supervising.

* + **View and edit profile information**

Users are able to edit their information such as changing password, username and profile picture and also view their master’s progress.

* + **Update progress**

Supervisors are able to update the progress of the research project.

* + **Result management**

Supervisors are able to update student academic report.

* + **Profile search**

Students are able to search for supervisor profile and vice versa.

1. **Application Management(Admin/Student)**
   * **Application function**

Students that apply for a post-graduate studies, an account will be created for the applicant only if they’re qualified and approved by admin. Student will need to provide all required information.

* + **Application approval function**

Admin can review the applications and create a student account for the applicants if all the requirements are met.

1. **User Management (Admin)**
   * **Add user**

Admin are able to add students and supervisors user.

* + **Edit user status**

Admin are able to determine the status of students and supervisors. For students, there are 3 type of status, active, terminated and graduated. For supervisors, the statuses are active and retired.

* + **Delete user**

Admin are able to delete any user.

* + **Search user**

Admin are able to search any user by their user id and username.

1. **File Management (Supervisor/Student)**
   * **Add File**

Student are able to submit their documents such as journal, and thesis by uploading the pdf files to the server.

* + **View File**

Students and supervisors are able to view the file that student have upload to the system.

* + **Delete File**

Students and supervisors are able to delete the files they uploaded.

* + **Search File**

Students and supervisors will be able to search for the documents they have uploaded in the.

1. **Project Management (Supervisor/Student)**
   * **Project details**

Students are able to review their active project details such as title, people that are involved and the progress of the detail.

* + **Project listing**

Supervisor are able to publish their research project to be listed. This can be be applied by students.

* + **Project application**

Research student can apply for project title, and need to approved by the supervisor in charge of the project.

1. **Transaction/Process Management (Student/Admin)**
   * **Alert or notification process**

A message will pop out to remind user to make payment when the deadline is close or over.

* + **Payment transaction**

Student may make a payment through the system.

* + **Report generation**

Generating report payment and result for student taking master by coursework.

1. **Appointment Management (Student/Supervisor)**
   * **Appointment Booking**

Student will be able to make appointment with supervisor.

* + **Appointment Approval**

Supervisor are able to approve appointment date booked by the student.

1. **Subject Management**
   * **Add Subject**

Admin is able to add subject and assign supervisor to that subject.

* + **Enroll Subject**

Student is able to enroll subject