

This file was created to restructure Use Case and clarify each member on the process of creating our system.

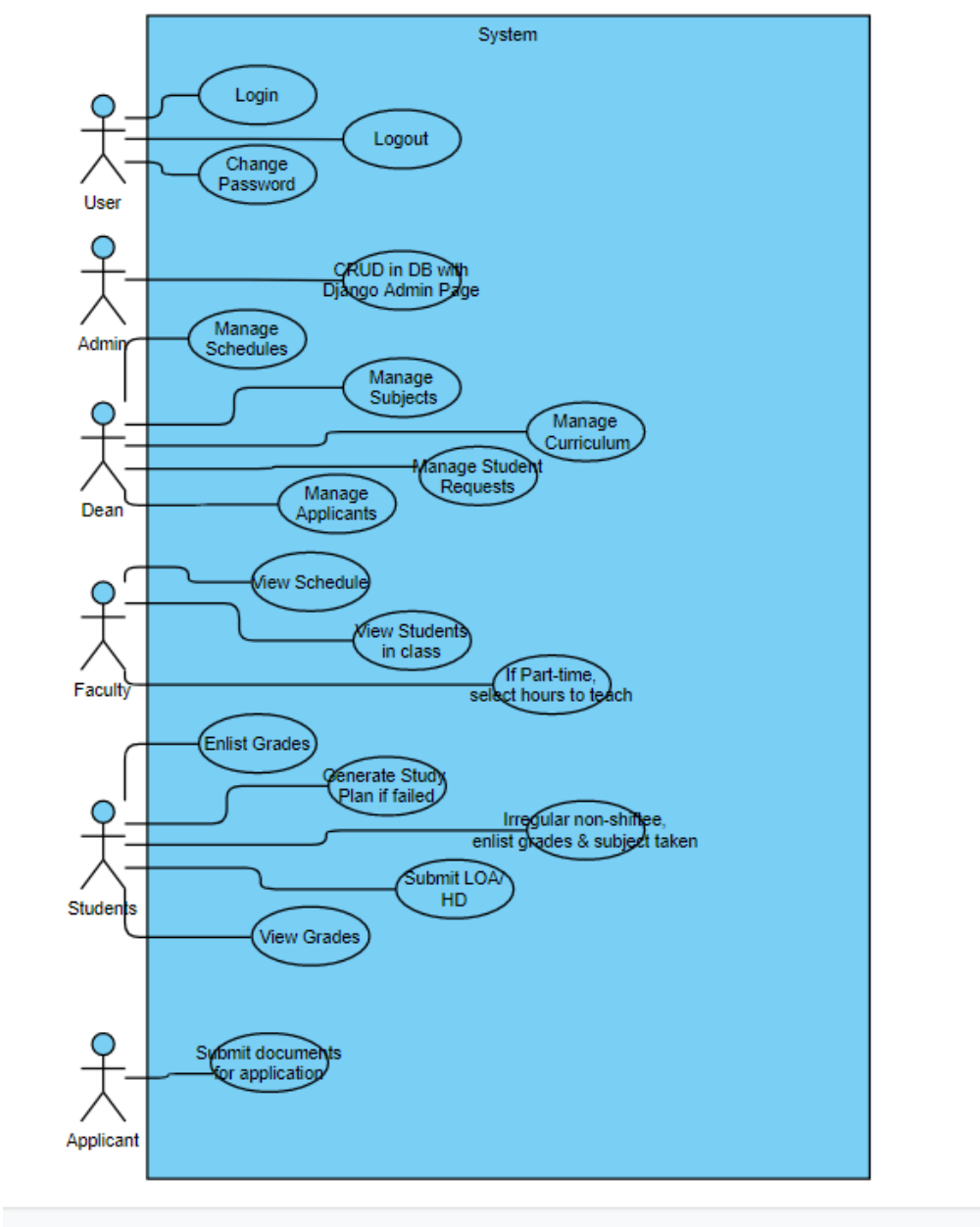


Figure 1. Summarized Use Case Diagram of ICT Automated System (iPLM)

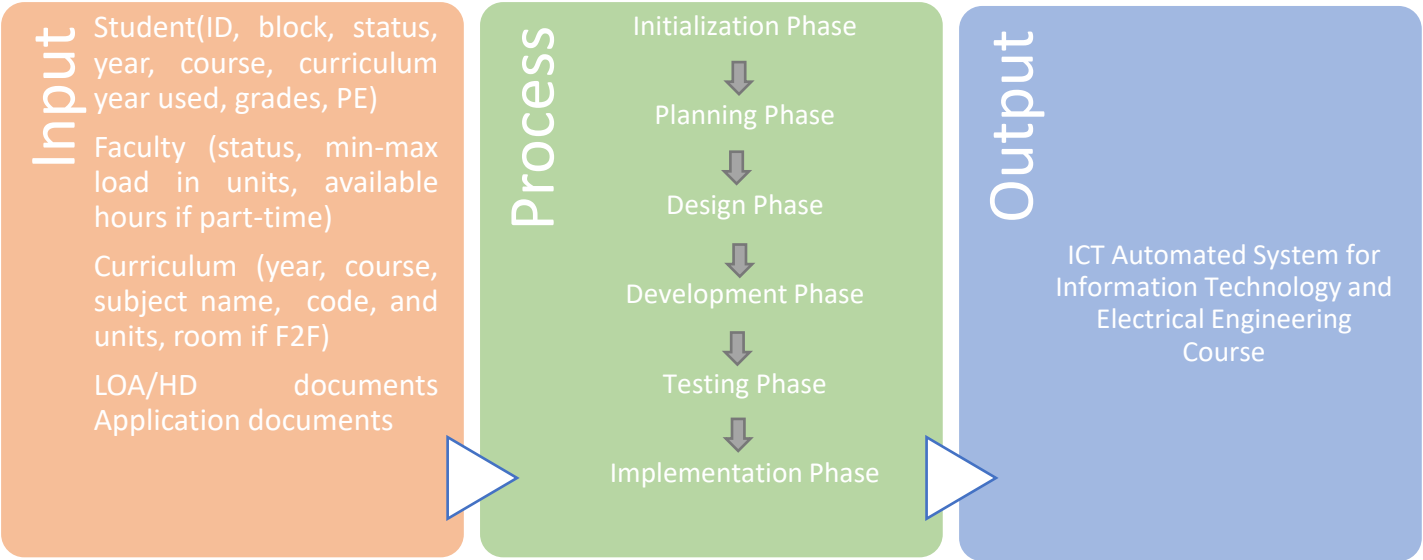


Figure 2. Conceptual Process of the System Development

- **As of April 30, 2021, we are currently on the last stages of planning and mid stage in design phase.**
  - ✓ Development is on the early stages. Do what you can within the system, for now.

#### Agenda:

- Student reps proposed changes and omits on some functions in Use Case; particularly in admin users, enrollment in students, freshmen users, and LOA/HD submission process in students, for an easier developing solution.
- Sought advices on database designing, development planning in back-end (scheduling and generating study plan), and deployment.

#### Proposals:

- Treat the system as a **tool**, not a pseudo-CRS.
- Students shall input their grades, rather than the Faculty. Integrity of the data inputted shall be upon the student's liabilities. However, take note that the grades are mostly used for future auto generation of study plan. Viewing grades can already be done in the CRS.
- Remove enrollment/registration in Student Users, with the exception of PE enlisting.
- Remove Freshmen function as each user is a new user in our system regardless of year level.
- LOA/HD submission shall be done by uploading PDFs for student use and then, reuploading it to the website where the system would check if each document is uploaded. As opposed to creating a form which would accept input from the student, then generating them into a template (pdf) ready for download.
- Completely remove admin UI in exchange for the built-in Django Administration page; which is capable of CRUD (create, update, delete) within the whole database.

#### Reasons:

- From what we have concluded from the ICT Automated System Exoskeleton given by the chairpersons and from weeks of working in the project, iPLM is not designed to recreate the CRS with new or improved functions. iPLM is made solely for the convenience of automating processes that aren't included in the CRS. Furthermore, data within the CRS cannot be accessed- which would pose problems in the enrollment function in Student users and scheduling functions.
- Few of Ma'am Chat's suggestion for the processes of functions are too advanced or within high-difficulty, especially with the time constraint on our project.

#### Conclusion According to Sir KT's Analysis:

- Proposed changes and omits shall be subject to Ma'am Chat and Sir. Bitancor's approval.
- Also, sir. KT has no reservations about the ways we will be developing our system. However, he is not the client, thus refer to bullet 1.
- We must design our database first and start developing the Applicant Functions (considered to be the easiest and less demanding part). Anything that could be completed without the database shall be done also, in order to continue seeing progress in the development stage.
- Deployment of the system online shall be further researched. Concentrate on bullet 3.

#### Final Decision and for the current IM Group Agenda:

- ✓ **We must design our database. This would be an entire back-end work.**
- ✓ **Start developing the Applicant Functions (considered to be the easiest and less demanding part).**
- ✓ **Complete the doable parts of the system (html and connecting them to urls.py, then registering them to views.py, also links within the html).**
- ✓ **Research possible solutions to each of your respective assigned tasks. Especially for the scheduling and study plan developers.**
- ✓ **Anything subjected for an omission shall be ignored for now.**