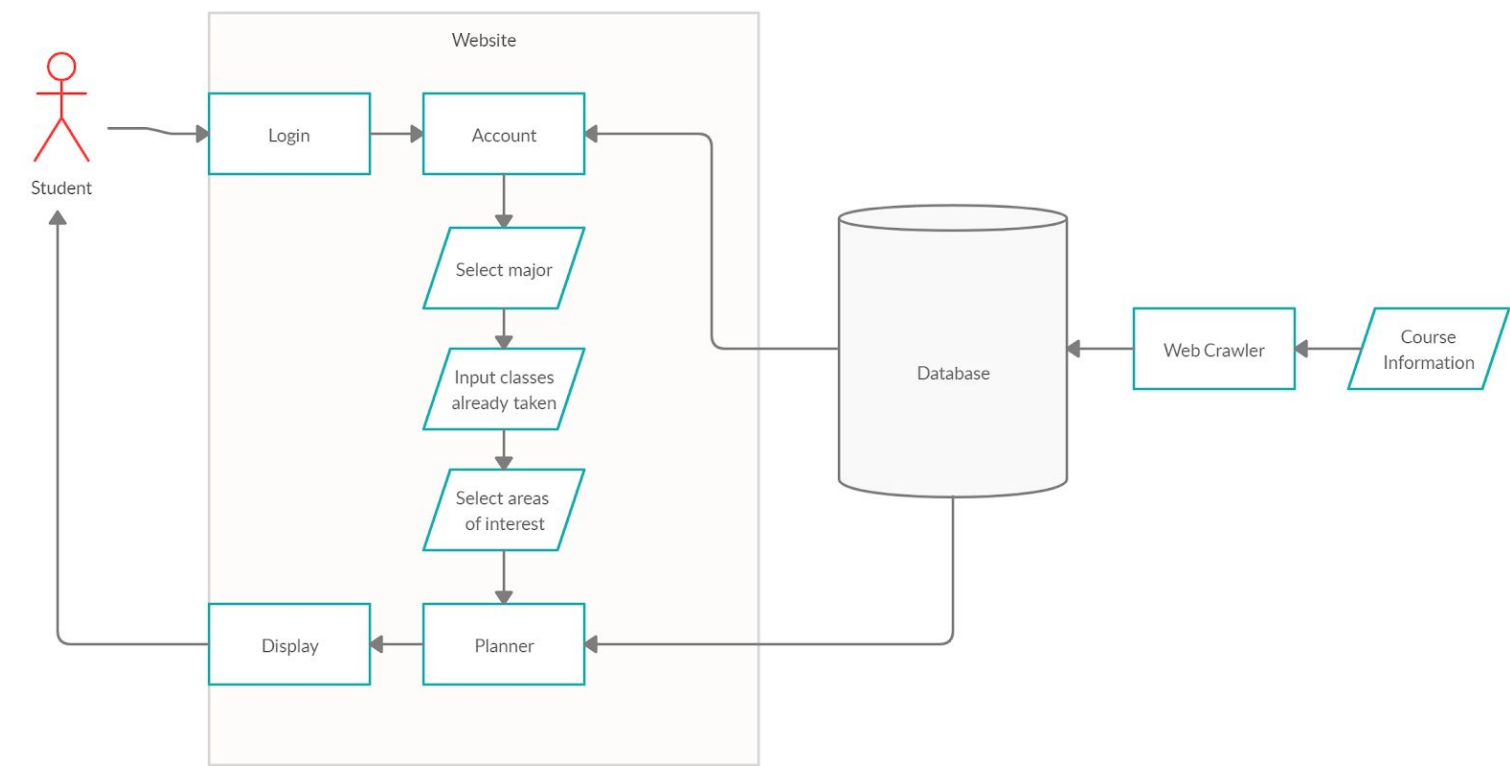


KnightsPath High level architecture design:



This system is built around a user interacting with a website backed by a database. The user will have the ability to log into the website where they will be able to input their academic information. The database will be connected to a web crawler that will pull course information from the UCF website. The main feature of our system is the ability to select areas of interest and have a custom course plan be automatically created for the user based on their academic information.

- Login** - as relates to user story 010, the user should be able to log into the system.
- Account** - as relates to user story 010, the user login should be able to save account information.
- Select major** - as relates to user story 016, the user should be able to select their major and have it saved to their account.
- Input classes already taken** - as relates to user story 009, the user should be able to input classes they have already taken.
- Select areas of interest** - as relates to user story 002, the user should be able to input areas of interest.
- Planner** - as relates to user story 006, the user should get course recommendations based on their input.
- Display** - as relates to user story 003, the user should be able to visually see their course recommendations.
- Database** - as relates to user story 010, the user should be able to save their account information.
- Web crawler** - as relates to user story 001, the course information should be gathered into one place for easy access.