3.2 **Functional Requirements**

3.2.1 Types OF Users

1. Students

* Undergrad
* Postgrad

1. Employees

* Lecturers
* Admin Stuff
* Internal Constructors

1. Visitors

* Parents
* External Constructors
* Prospective Students
* Walk-ins

1. Admin

* UP-Officials
* Student Societies
* UP- Event Management

3.2.2. Use Case Periodization

1. Critical

* User adding the destination
* The app determine the location of the user
* A user must be able to see building names as he passes them
* A user must specify the kind of access
* A user must be able to see the campus map without searching for a location
* Venues should be grouped into categories
* A user must select a destination from category without typing it out
* A user must see all the routes o the venue
* A user must be able to specify restrictions for best route
* Disabilities
* Avoiding pedestrian traffic congestion
* The user must be able to see arrival time

1. Important

* The UP admin must be able to update venues
* The app must sync with the university calendar
* The events manager must be able to update events on the app
* Venues must be associated with events going to take place there
* The UP student societies must be able to update their calendars on the app
* Log all activities
* Log user preferences

1. Nice to have

* Fitness track
* A brief history about campus building as the user passes them
* Reward system if certain milestones archived

1. Use Cases









