

Core functionality (Required):

1. Ability to log into the application

Username and password input

Will having a password forget function be an additional functionality or required functionality? – additional functionality

2. Ability to register a new account

In this case, does the admin create the account for each employee or the employees will go to the webpage and register as a new user themselves?

- Must ensure the username is not already registered
- Default employee role – Would a default role be created in the database associated with the **employee ID** of the employee so that when the employee registers a new account with the **employee ID** given them it links to that default employee role? Or the employee will have to **key** in this on registering a new account?
- Employees must have an email address to register a new account?
- Employees can register themselves. Whenever a user registers, they will automatically be an employee. Don't have to specify that they are an employee, because it is the default role.

3. Employees can submit reimbursement ticket

- Must have an amount
- Must have a description

Will the ticket submission be based on departmental role? For instance role A employees will submit to role A table of the database and role B likewise? Or just a general table?

General table, maybe leave the departmental role as a reach goal.

4. Managers can process tickets submitted by employees

Tickets can be Approved or Denied or as pending (maybe manager is investigating?)

Pending could be the state of a ticket before it gets approved/denied

Tickets cannot change status after processing

5. Employees can view previous submissions

Can filter by Pending, Approved, or Denied status

Additional Functionality (Optional):

1. Add Reimbursement Types

Travel, Lodging, Food, Other

Employees can view previous requests filtered by type

2.

Employee to Manager or back to Employee **Please what does this mean?**

Managers can change an employee to a manager role and they can also demote managers to an employee, wouldn't demote themselves

3. Employees can add images of receipts to their reimbursement requests

Upload and store images (in SQL or cloud storage) **will the database server be provided for us to demonstrate the implementation?**

We will learn databases in week 3

4. User Profile/Account Page

Track additional user information (name, address, etc.)

Users can edit their account

Users can add a profile picture

The Presentation (Required):

Your trainer will outline the amount of time you have to complete the requirements listed above. Do not work on any optional goals until the requirements are met.

At the end of this project, you will be required to give a professional presentation.

In this presentation,

you should cover the

- technologies utilized
- architecture diagram
- ERD diagram
- list of features Implemented
- outstanding defects/issues
- challenges faced
- give a thorough project demo.
- Ensure that you are dressed

in business professional attire and can articulate how you built the application you are presenting.

- You will need to show that **http requests can reach the API** and the **appropriate functionality** and **endpoints exist through postman or swagger**.

The http request reach the API in this case mean making sure the webaddress is connected to the application database?

Appropriate functionality and endpoints what does it mean?

We'll get into Servlets and APIs during week 4