



CWC
Cape Winelands College

Cape Winelands College BRD

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1 INSTUCTIONS

1. Users and permissions

- Academic Staff User:

Academic Staff are provided their own computed login from the server. This number will allow them to login into the Results Management module in which they have the ability to view marks and edit marks

- Admin staff user:

Admin Staff are provided their own computed login from the server. This number will allow them to login into the College Admin module where they will have the ability to create staff, students, modules, programs as well as have the access to view marks

- Student user:

Students are provided their own computed login number from the server. This number will allow them to login into the student module in which they will have access to their respective modules (name, length of module and amount of credits) as well as their marks

2. Login details

- Academic Staff User:

- Username: number provided by the server extended by "@cwc.ac.za"
- Password: password

- Admin staff user:

- Username: number provided by the server extended by "@cwc.ac.za"
- Password: password

- Student user:

- Username: number provided by the server extended by "@cwc.ac.za"
- Password: password

3. How to create custom user

- Academic staff user

- Click on College Admin module
- Click on Academic Staff listed in the header
- Select the button create
- Fill in the respective fields

- Admin staff user:

- Click on College Admin module
- Click on Admin Staff listed in the header
- Select the button create
- Fill in the respective fields

- Student user:

- Click on College Admin module
- Click on Admin Staff listed in the header
- Select the button create
- Fill in the respective fields

2. FEATURES

1. Students can only see their own marks

2. Filters:

For Academic Staff

- Modules
 - Modules taught by Academic Staff: Filters all Modules to only the modules that the Academic Staff are lecturing
 - Modules this year: Filters all Modules to only show the modules being lectured this year
- Students
 - In Department: Filters Students to show only the ones in the same department as the staff member
 - Being taught: Filter students to show only the ones being taught by specific lectures
- Marks
 - Current year: Filters the Marks to only show the ones of the current year
 - No Mark allocated yet: Filters the Marks to only show the ones that have an allocated mark
 - Received a mark: Filters the Marks to only show the ones that have an allocated Mark

For Student

- Modules
 - Modules this year: Filters all Modules to show only the ones that are lectured this year
- Marks
 - Current year: Filters the Marks to only show the ones of the current year
 - No Mark allocated yet: Filters the Marks to only show the ones that have an allocated mark
 - Received a mark: Filters the Marks to only show the ones that have an allocated Mark
 - Passed: Filters the Marks to only show the Marks over 50%
 - Failed: Filters the Marks to only show the Marks below 50%

3. Constraints:

- SQL constraint for the name of the department
- Constraint in enrolled student so that a student's marks cannot be above 100 or below 0
- Timeframe constraint to make sure that the timeframe cannot be above 4 or under 0
- Credit constraint so that the credits aren't 0
- Constraint on module so that the name cannot be null
- Constraint on the length of the module so that it cannot be longer than 10 years and less than 0
- Only admin staff can create and delete a module.
- The year, student id and module id combination need to be unique, this has an effect on which year you can use.
- The admin cannot change marks
- Only the academics can change

3. Computed Data:

- Amount of credits per student (Results Management Model - Student View)
- Amount of staff per department (College Admin Module - Department View)
- Number of modules lectured per academic staff (College Admin Module - Academic Staff View)
- Number of students per module (College Admin Module - Module View)

4. Drop down program qualifications:

- Within the College Admin Module - Program View
- Shows the available qualifications able to be selected for a program

5. Pen touch description:

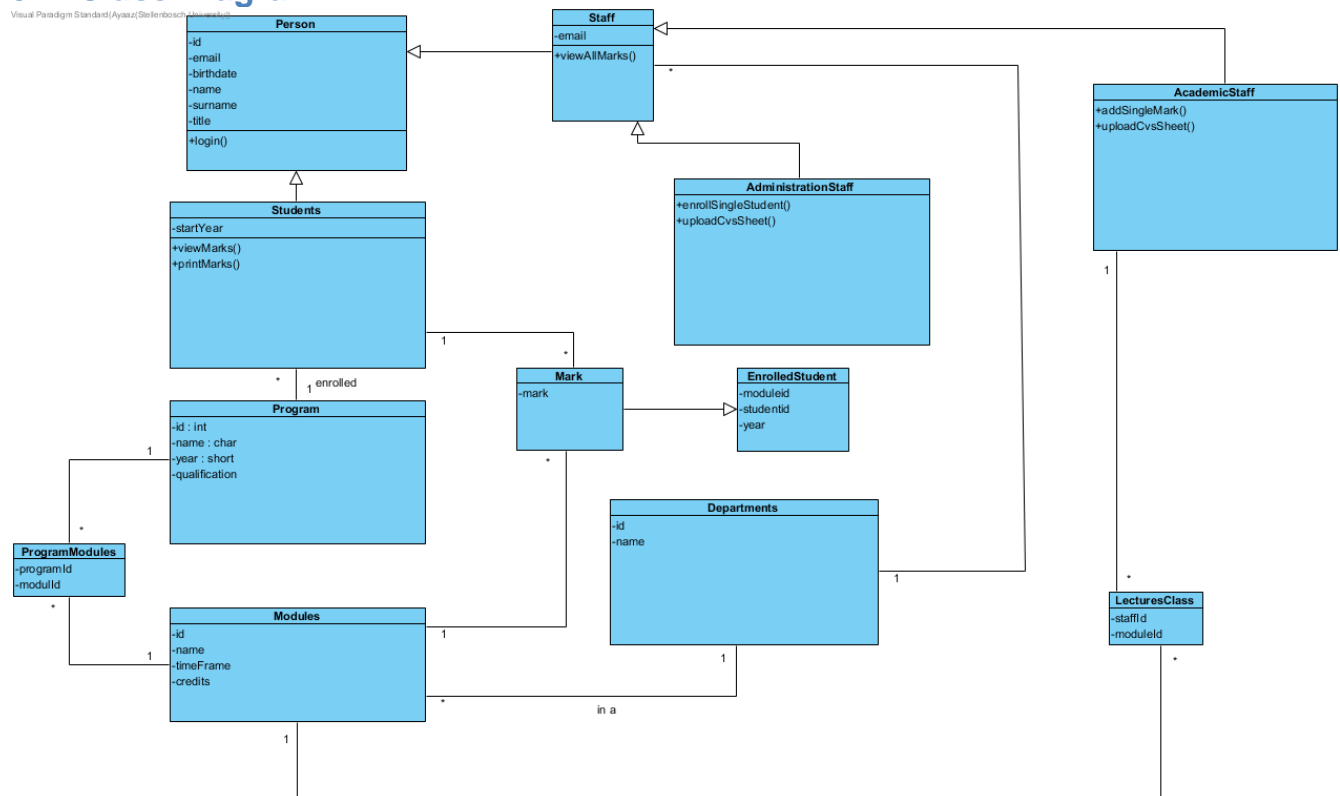
- Length (College Admin Module - Program View)
- Timeframe (College Admin Module - Module View)

6. Academic Staff are restricted to only seeing:

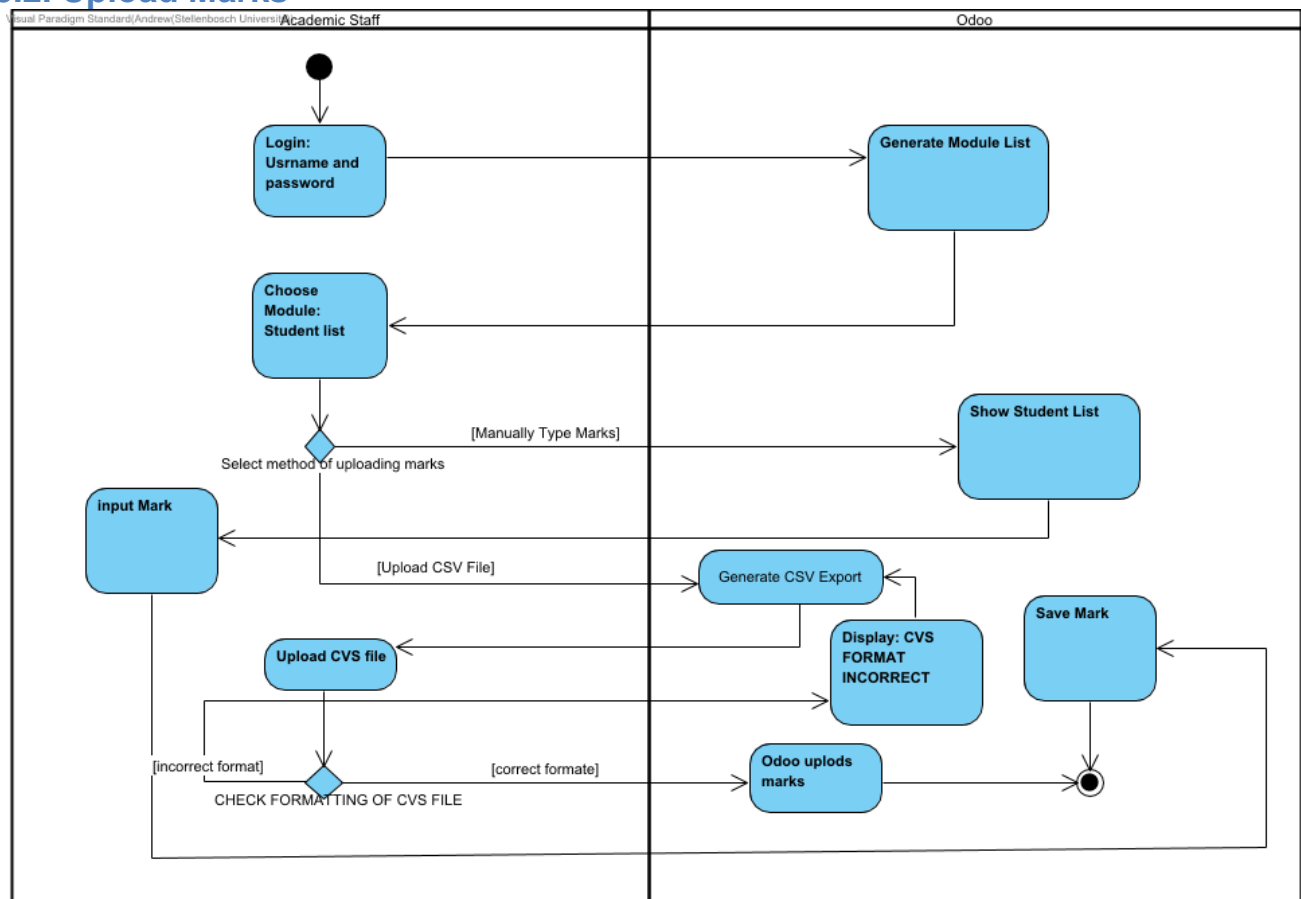
- the modules in their department
- Modules they are linked to

3. DIAGRAMS

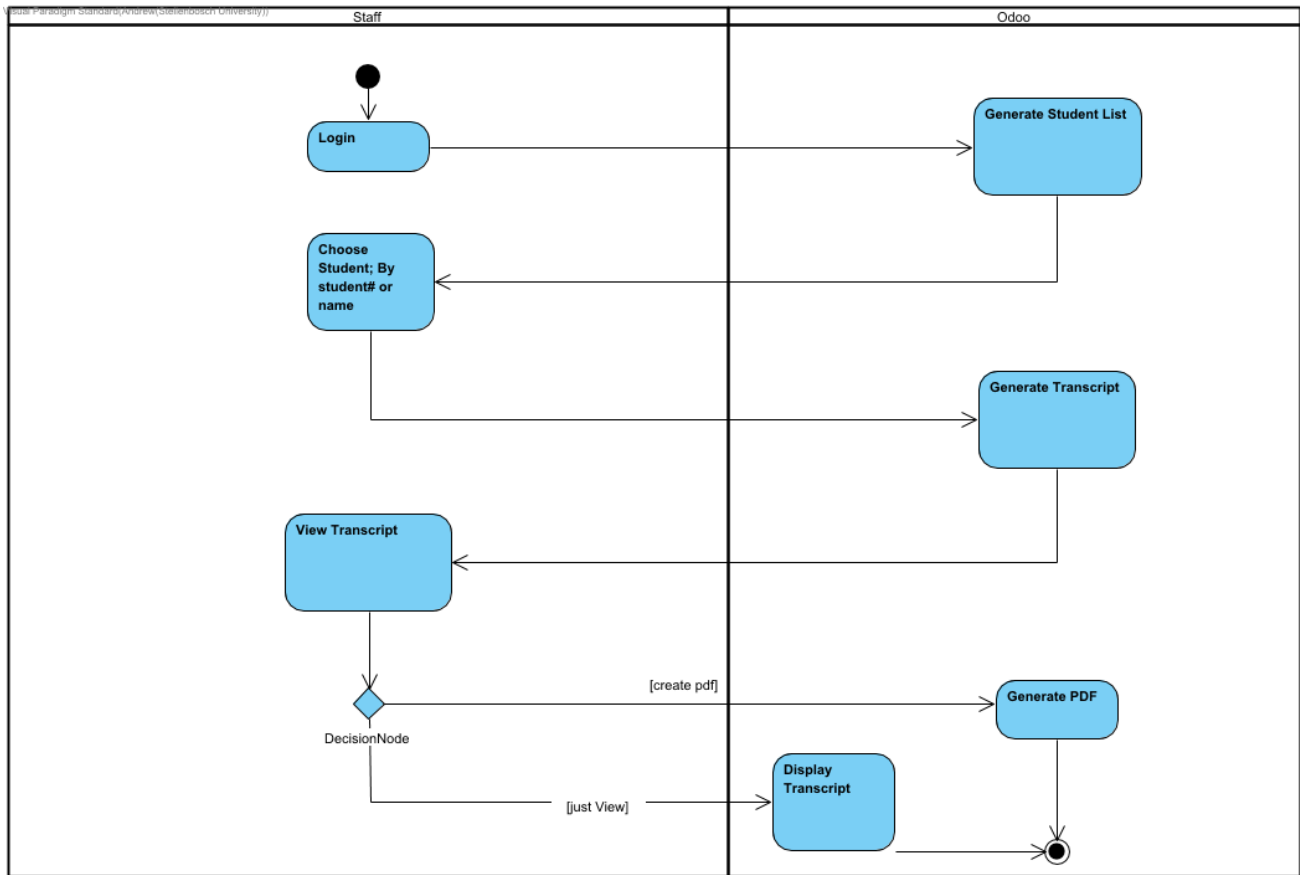
3.1. Class Diagram



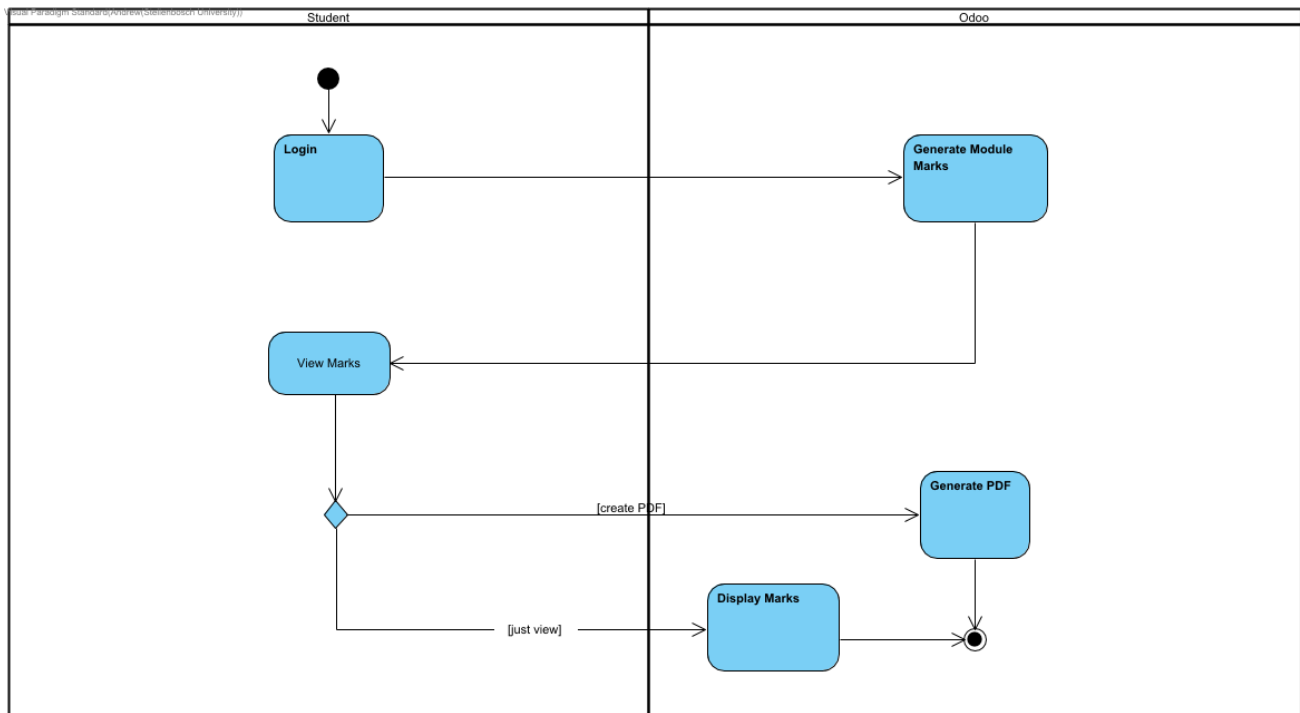
3.2. Upload Marks



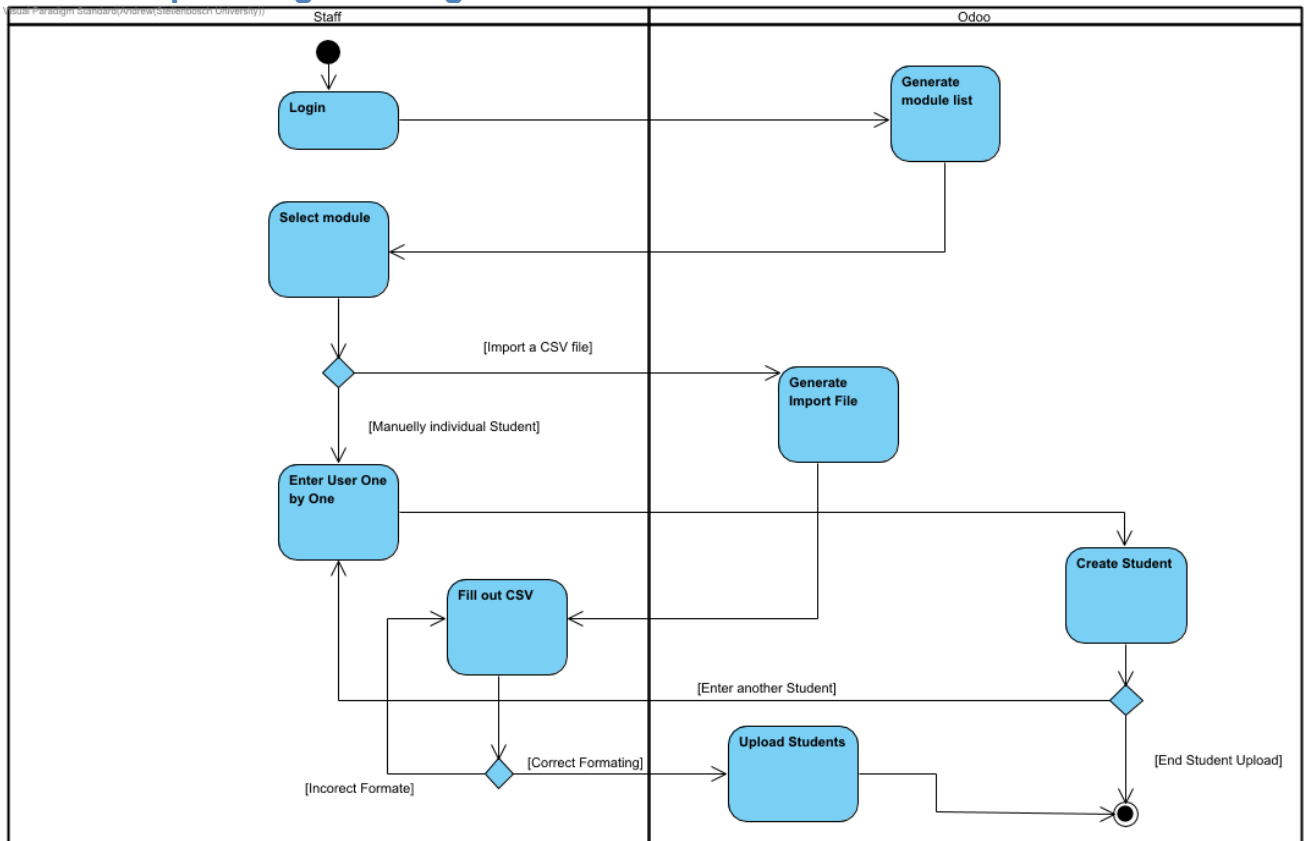
3.3. Staff View Marks



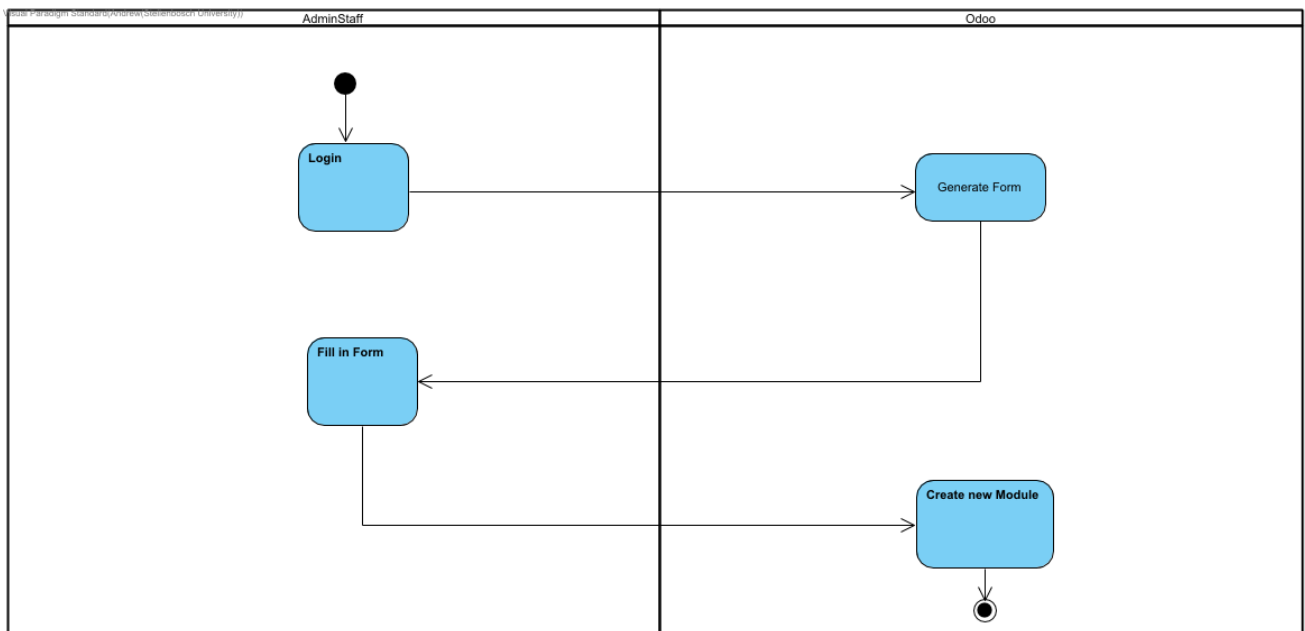
3.4. Students View Marks



3.5. Staff Uploading/Creating Student



3.6. Create Module



3.7. Create Program

