**USE CASES(BugHound Project)**

**Done By:**

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**Areas:**

UseCase1:

Description: Adding a record to the data base.

Primary Actor: End user or Registered User.

Scope: Bughound project.

Brief: The user is allowed to select the functional area from the given list.

Success Guarantees: A new record is generated in the database as soon as user clicks submit in the “new bug report entry page” as long as there is no duplicate record made by the same registered user.

Trigger: As soon as when a Registered user selects the required Functional area and clicks “submit” in the “new bug report entry page”.

UseCase2:

Description: Updating a record in the data base.

Primary actor: End user, Employee.

Scope: Bughound project.

Brief: The end user or an employee can update the existing record of a Functional area.

Success Guarantee: Successful when an old entry in the database is updated .

Trigger: As soon as submit is clicked in the “update bug page for bug”.

UseCase 3:

Description: Deleting a record in the database.

Primary Actor: Employee.

Scope: Bughound project.

Brief: Employees can delete the existing record once the status of the bug report is “closed”.

Success Guarantee: Successful when the status of the bug is “closed”.

Trigger: When an Employee invokes an delete request for a bug report .

**Programs:**

UseCase4**:**

Description: Adding a record in the data base to the programs table.

Primary actor: End user

Scope: Bughound project.

Brief: The end user can report a bug on a selected program using “new bug report entry page”.

Success Guarantee: Successful when an entry is added to the programs table in the database.

Trigger: As soon as submit is clicked by the Registered user in the “new bug report entry page”.

UseCase5:

Description: Updating a record in the programs table in the database.

Primary actor: End User or Employee

Scope: Bughound project.

Brief: Either Employees or End user can update the existing record from the programs table .

Success Guarantee: Successful when an entry is updated to the programs table in the database.

Trigger: As soon as submit is clicked by the Employee or Registered user in the “update bug page for bug”.

UseCase 6:

Description: Deleting a record from programs table in the data base.

Primary Actor: Employee.

Scope: Bughound project.

Brief: Only employees are allowed to delete a record from programs table.

Success Guarantee: Successful when the status of the bug is “closed”.

**Employees:**

UseCase 7:

Description: Adding a record in Employees table in the database.

Primary Actor: Manager

Scope: Bughound project.

Brief: Only managers are allowed to add new employee to the employee table.

Success Guarantee: Successful when a new entry is added to the employee table.

Trigger: Whenever a add request is made with userlevel as 2.

UseCase 8:

Description: Updating a record in Employees table in the database.

Primary Actor: Manager or Employee.

Brief: The employee or manager can update his/ her firstname,lastname, username or password .

Success Guarantee: Successful when an existing record is updated with new information.

Trigger: Whenever an update request is made .

UseCase 9:

Description: Deleting a record in the Employees table in the database.

Primary Actor: Manager

Brief: Only Managers can delete a record of employee when an employee is no longer active.

Success Guarantee: Successful when the status of the employee is inactive.

Trigger: Whenever an delete of employee request is made.