1. **Visitor can register to the system.**
2. System shall provide UI for the visitor to receive first name, last name, description, company, position, email, password, profile image, signature image, start date, and role of user.
3. System shall validate first name, last name, description, company, position, email, password, start date, and role of user.
4. System shall provide an error message if the input field(s) are blank.
5. System shall provide an error message if an input email is not matched with constraint.
6. System shall redirect to dashboard.
7. System shall provide registration code for supervisor and mentor.
8. System shall connect to database.
9. System saves input data into the database.

**URS-02: Users can edit their own profile.**

SRS-08: System shall save data into the database.

1. System shall provide UI for the student to edit first name, last name, description, company, position, email, password, profile image, signature image, and start date.
2. System shall provide UI for the mentor to edit first name, last name, description, company, position, email, password, profile image, and signature image.
3. System shall provide UI for the supervisor to edit first name, last name, description, company, position, email, password, profile image, and signature image.
4. System validates first name, last name, description, company, position, email, password, and start date.
5. System shall provide UI to display an error message if the student edit their own information which the “email” is not matched with constraint.
6. System shall provide UI to display an error message if the student edit their own information which the “Mentor and supervisor code” does not exist in database.
7. System shall provide UI to display an error message if the mentor edit their own information which the “email” is not matched with constraint.
8. System shall provide UI to display an error message if the supervisor edit their own information which the “email” is not matched with constraint.
9. System shall provide an error message if the input field(s) are blank.
10. System shall redirect to profile page.

**URS-03: Users can login.**

1. System shall provide UI to login.
2. System shall receive email and password.
3. System shall verify email and password.
4. System shall display an error message if email or password is wrong.
5. System shall navigate the student to access the student dashboard.
6. System shall navigate the mentor to access the mentor dashboard.
7. System shall navigate the supervisor to access the supervisor dashboard.
8. System shall redirect to Login page.

**URS-04: Users can logout.**

SRS-26: System shall redirect to Login page.

1. System shall provide a button to logout.
2. System shall logout from the system.

**URS-05: Student can add registration code.**

SRS-08: System shall save data into the database.

1. System shall validate a code.
2. System shall display a confirmation message.
3. System shall link the mentor/supervisor account to the student account.
4. System shall redirect to profile page.
5. System shall update a name of mentor or supervisor on student’s profile page.
6. System shall lock the button.

**URS-06: User can view tasks of a project.**

SRS-07: System shall connect to database.

1. System shall provide UI to display student’s dashboard.
2. System provide UI to display list of projects, a button of creating new project, task statistics, and summary of activities frequency.
3. System shall provide UI to display projects detail page.
4. System shall provide UI to display lists and cards of tasks.

**URS-07: Students can view the statistics of tasks.**

SRS-07: System shall connect to database.

SRS-35: System shall provide UI to display student’s dashboard.

1. System shall display statistics box of tasks on the top of dashboard page.
2. System shall provide list of student in profile page.
3. System shall link to dashboard of selected student.

**URS-08: Student can create a project.**

SRS-07: System shall connect to database.

SRS-35: System shall provide UI to display student’s dashboard.

SRS-08: System shall save data into the database.

1. System shall provide “create new project” button in the dashboard.
2. System shall provide UI which receive project name, project description, start date, “create” button, and “cancel” button.
3. System shall validate empty fields.
4. System redirects to the dashboard.
5. System locks the “create” button.

**URS-9: Student can edit a project.**

SRS-07: System shall connect to database.

SRS-35: System shall provide UI to display student’s dashboard.

SRS-08: System shall save data into the database.

SRS-44: System shall validate empty fields.

SRS-45: System redirects to the dashboard.

1. System shall provide UI which receive project name, description, start date, “edit” button, and “Cancel” button.
2. System shall lock the “Edit” button.

**URS-10: Students can delete a project**.

SRS-07: System shall connect to database.

SRS-35: System shall provide UI to display student’s dashboard.

1. System shall provide UI to display a confirmation message “Are you sure to delete this project?” with “Confirm” and “Cancel” button.
2. System shall delete a project in database.

SRS-45: System redirects to the dashboard.

**URS-11: Students can create a task.**

SRS-07: System shall connect to database.

SRS-08: System shall save data into the database.

SRS-35: System shall provide UI to display student’s dashboard.

SRS-44: System shall validate empty fields.

1. System shall provide UI to display the Task page.
2. System shall provide UI to receive tasks name, task description, start date, “create” button, and “cancel” button.
3. System shall redirect to Task page.
4. System shall create a new task object in the database.
5. System locks the “create” button.

**URS-12: Student can edit a task.**

SRS-07: System shall connect to database.

SRS-08: System shall save data into the database.

SRS-35: System shall provide UI to display student’s dashboard.

SRS-44: System shall validate empty fields.

SRS-51: System shall provide UI to display the Task page.

SRS-53: System shall redirect to Task page.

1. System shall provide UI which receive tasks name, task description, “update” button, and “cancel” button.
2. System provides UI which receive tasks name, task description, “update” button, and “cancel” button.

**URS-13: Student can delete a task.**

SRS-07: System shall connect to database.

SRS-35: System shall provide UI to display student’s dashboard.

SRS-51: System shall provide UI to display the Task page.

SRS-53: System shall redirect to Task page.

1. System shall provide UI to display a confirmation message “Are you sure to delete this task?” with “Confirm” and “Cancel” button.
2. System shall delete the task object from database.

**URS-14: Students can change a status of task.**

SRS-07: System shall connect to database.

SRS-08: System shall save data into the database.

SRS-35: System shall provide UI to display student’s dashboard.

SRS-51: System shall provide UI to display the Task page.

SRS-53: System shall redirect to Task page.

1. System shall provide UI to select the start date with “Confirm” button, and “Cancel” button.
2. System shall change the task status.
3. System locks the “Confirm” button.
4. System display forbidden sign as a mouse cursor.
5. System locks for changing the status of a task.

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**URS-15: User can view a comment.**

SRS-07: System shall connect to database.

1. System shall request the task data from database.
2. System shall provide UI to display a task detail, comment field, and status buttons.

**URS-16: User can create a comment.**

SRS-07: System shall connect to database.

SRS-08: System shall save data into the database.

1. System shall provide a comment field with “comment” button.
2. System shall display the comment.

**URS-17: User can delete their own comment.**

SRS-07: System shall connect to database.

SRS-08: System shall save data into the database.

1. System shall provide UI to delete their own comment.
2. System shall display a confirmation message “Are you sure to delete this comment?” .
3. System shall delete the comment in the database.
4. System redirects to the task detail page.

**URS-18: User can view activities of projects.**

SRS-07: System shall connect to database.

1. System shall provide UI to display task statistics, List tab, Card tab, and activities tab.
2. System shall display activities of tasks since the project was started.

**URS-19: Student can generate a weekly report.**

SRS-07: System shall connect to database.

1. System requests tasks data from database.
2. System arranges task details in the report template.
3. System provide UI to display a weekly report.

**URS-20: Student can print a weekly report.**

1. System shall provide “Print” button.
2. System shall provide UI to see a preview of a report with “Print” and “Cancel” button.
3. System shall redirect to weekly report UI.

**URS-21: User can receive an activity notification via Web application.**

1. System shall detect a new activity.
2. System shall push an activity to database.
3. System shall receive notify object from database.
4. System shall display an activity notification pop-up on the website, on “Today” notification tab, and on “All” tab.
5. System shall detect a new activity of student who under their guidance.

**URS-22: User can receive an activity notification via Email.**

1. System shall detect a new activity.
2. System shall send request to EmailSender.