User Manual

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1 Login/Registration page

- Registration requires unique email (with respect to model-level validation).
- I have yet to implement database level restrictions on uniqueness.
- After registration/login, a session is created until the browser is closed.
- After registration/login , the user will be redirected to the homepage.
- If login is successful, the user should see a Welcome, [user's name] message below the Jumbotron.

2 Header

2.1 TodoApp NavBrand

- Clicking this will redirect the user to the homepage.

2.2 Sidebar toggler

- Opens and closes the sidebar
- When the sidebar closes, all opened lists(Projects, Tags, Labels, Filters) in the sidebar will be closed.

2.3 Home link

- Redirects to the homepage

2.4 Search bar

- If the current route does not begin with "/tasks", the user will be redirected to "/tasks" with the relevant search parameters as long the search bar text field is non-empty.
- The tasks will be filtered based on whether the task name contains the search term. Note that search is case-sensitive.
- If the user is currently on a "/tasks..." page, with certain filters applied, then the page will filter by both the applied filter as well as the search term.

2.5 Quick Add New Task

- Allows the user to quickly add a task on any page.

2.6 Support

- Links to support page. For decoration.

2.7 Statistics

- A graph showcasing the number of tasks for the next 10 or so days.

2.8 All activities

- An activity log. Records task-related activities, e.g. creation of tasks, and creation/deletion of comments and subtasks. Being a rather basic implementation, each activity item does not actually say exactly which task/subtask/comment is added/deleted.

2.9 Other Users

- Shows a list of other accounts using this app.

2.10 Logout

- Logs the user out and resets the session.

3 Sidebar

3.1 All tasks

- View all tasks without filters.

3.2 Projects

- The numbers next to the project indicate the following: Number of projects owned by you/Number of projects shared with you.
- Click to open a list consisting of the current projects.
- Click the corresponding projects to view the project's details and the tasks associated with the project.
- Projects with a 2-person icon are those that are shared with you.
- Projects with a crown icon are projects you have shared with others.

3.3 Tags

- Tags are essentially permanent labels that cannot be deleted.
- The tags "Work", "Social", "Personal" are created per-user during registration.

3.4 Labels

- Labels work just like tags, however, the user can assign bootstrap colors to the label during label creation.

3.5 Filters

- A filter is a collection of filter fields, which will all be applied in the app view.

- The user can specify a start date and end date (at the backend it is required that start date ¡ end date), as well as a group of tags and labels that will become part of the filter.

4 Main view

4.1 All task view

- Shows all tasks ordered by date.

- Under the overdue section, the user is not allowed to create tasks. (However, the user can still create an overdue task using Quick Add Task).

- Click add new task to create a task without any tags or labels.

- Click on each task to see its details, like subtasks, comments and activity log for that specific task.

- Click on the edit button of any task to edit its parameters.

- Click on the round checkbox next to any task to toggle its state of completion.

- Editing of subtasks and comments is not supported.

4.2 Project View

- Shows a list of tasks (not ordered by date) that are relevant to the project.

- Any task created here will belong to the project.

- Tasks within each project can be sorted (ascending/descending) based on deadline or priority.

- A project can be marked as completed, thereby completing all tasks belonging to the project. Uncompleting a task belonging to a project will automatically uncomplete the project.

- Click on the share button on your own projects to share your projects with other users.

4.3 Tag/Label View

- Shows the tasks with the currently selected tag/label.

- Any task created here will have the currently selected tag/label.

4.4 Filter View

- Shows the tasks after filtering by the currently selected filter.

- Any task created under the filter view will have precisely the tags and labels associated with the current filter.

5   Deletion

- The following items can be deleted:
- Labels (Click on the cross next to the label on the sidebar to delete it)
- Projects (In the project view there is a delete project button that will also delete the associated tasks)
- Tasks (Click on the circled cross on the left of each task)
- Subtasks and Comments (Click of the circled cross)
- Note: Deletion of filters is not implemented.