

Task Tracker – Devdoc

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Chapter 1

Requirements

1.1 Purpose

The objective is to write a simple browser based task tracker for the typical software developer.

1.2 User Stories

We document typical user stories.

1. **Record a task:** Joe wants to record a task to be done. He wants to record the task that he is doing. He tells the task tracker to record his task. The task tracker records the task and stores it in the local memory. When Joe wants to record a task, he simply presses the record button. All the tasks and events that Joe is performing gets stored in one place where he can go there and recall all his previous actions.
2. **Update a task** Joe wants to update a task. He does that simply by doing and updating the task in the specified location.
3. **Delete a task:** Joe wants to delete a task he has finished. He does this by pressing a delete button on his software console. He deletes a task by selecting the task that he wants to delete and presses the delete button. By doing this, the previous tasks that Joe considers as unnecessary is deleted.
4. **List pending tasks:** Joe wants to list pending tasks. He does this by pressing the list button on his console. By pressing this button, Joe knows what actions are pending to be done.

1.3 Functional Requirements

1. Recording a task: Task tracker shall persistently record one or more tasks.
2. Updating a task: It shall be possible to edit/update the already recorded tasks.
3. Deleting a task: It shall be possible to delete a recorded task.
4. Listing tasks: Recorded tasks can be searched using search criteria (preferably tags)

1.4 Non Functional Requirements

1. Ease of use: The system shall be easy to use and as easy as operating a webpage.
2. Usability: System shall be usable on touch as well as pointer devices. The screen should be “zoomable” like a standard browser page.

Chapter 2

Design

2.1 External Interface Description

We document the following in this section:

- The user inputs to the system.
- The system responses.

Table 2.1: User-System Interaction-1

User input(main screen)	System Response
1. Add a task	1. Show the task entry/update form.
2. Select a task for edit/delete.	2. Show the task entry/update form. (Form is prepopulated with task details)

Table 2.2: User-System Interaction-2

User input(Edit task screen)	System Response
1. Add/modify a task.Press save/update	1. Close the task entry/update form. Update task and update list on main page.
2. Delete a task.	2. Close the task entry/update form. Delete task and update on main page.

Table 2.3: User-System Interaction-3

User input(Filter field)	System Response
User enters the keyword and tags and presses filter.	System filters the system input and returns the output.

Task Tracker

ID	Task	Due On	Tags
1	Update requirement specification	5-12-2021	project delta,urgent
2	Start project documentation	6-12-2021	design,project
3	Start initial project phase	7-12-2021	agile,planning

Add Task

keyword or tags

Figure 2.1: Main screen mockup

Task Tracker

Edit Task

Task ID:abc001

Task Details

Enter task details

Due On

dd / mm / yyyy

Tags

Comma separated tags

Cancel

Update

Delete

Figure 2.2: Task edit mockup