

MOBILE WEB APP

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| Target Release | 2.0 |
| Document status | On Sprint 2 |
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| Developers | Kayla Garza, Kayla Huerta, Jacob Garza, Joanna Gutierrez |
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| Project Background | |
| The desktop application we're making is a to-do list. Some functions that the user can do is the ability to create, read, update, and delete from the list. | |

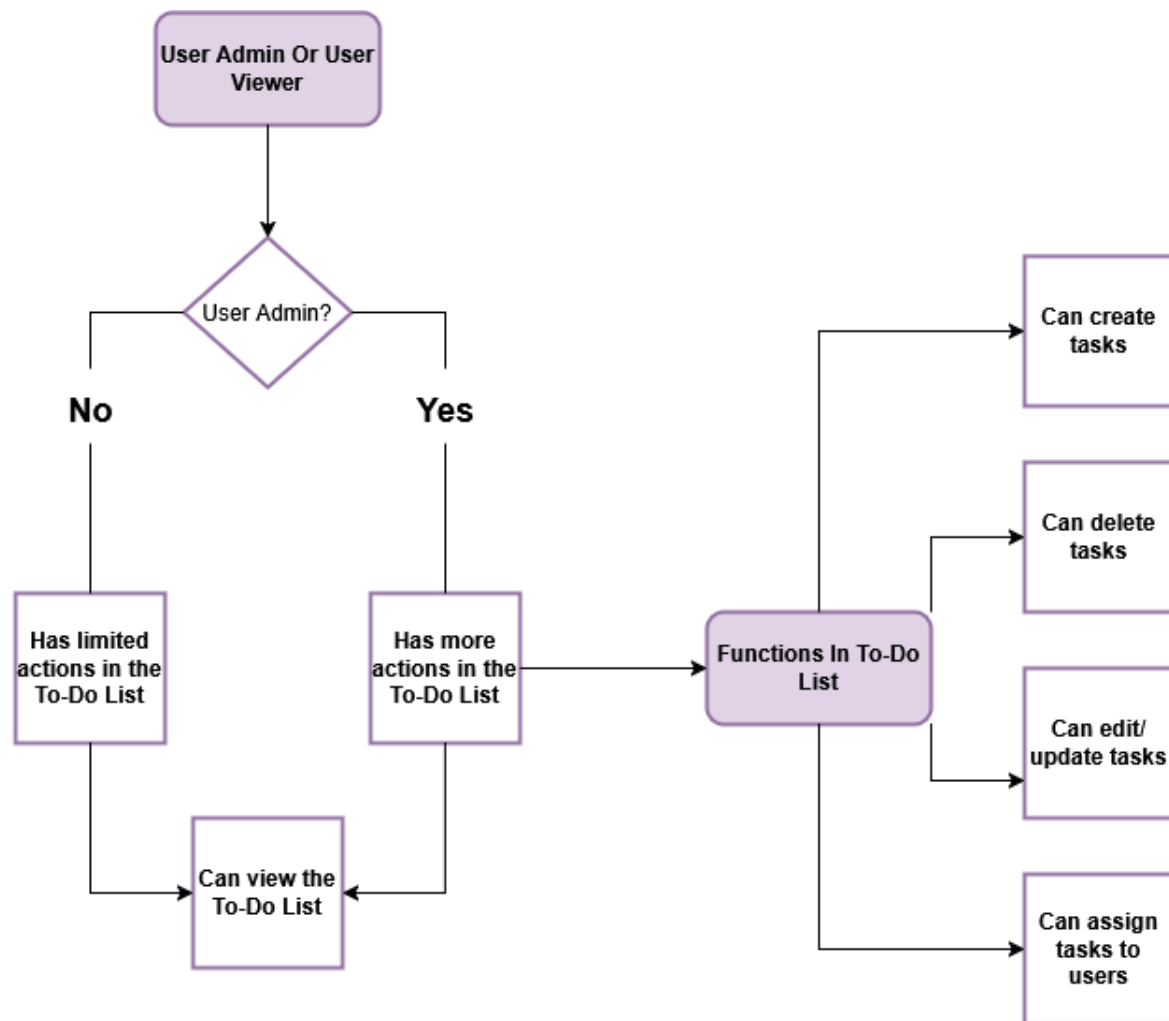
Requirements

| # | User Story Title | User Story Description | Priority | Notes |
|---|----------------------|---|----------|--------------------|
| 1 | User Creating Record | As a user, I am able to record data in the to-do list application. The data I'm able to record is my name, the due date, the description of the task, the status of the task, and my group members. | 2nd | Finished 3/12/2025 |
| 2 | User Task Reading | As a user of the app, I want to see the tasks listed so I have an idea of what I should do. | 1st | Finished 3/12/2025 |
| 3 | User Task Updating | As a user, I want to be able to modify my to-do list, so that I can note new developments or make needed changes. | 4th | Finished 3/13/2025 |
| 4 | User Task Deletion | As a user, I want to be able to delete tasks, so I can clear completed tasks and have a better idea of what tasks I have left to do. | 3rd | Finished 3/13/2025 |
| 5 | User Assigning Task | As admin, I want to assign tasks in the to-do list to other users. Only admins are allowed to assign tasks. | 5th | Pending |

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|---|--------------------|---|-----|-------------------|
| 6 | User Assigned Task | As a user, I am able to see which task I've been assigned by admin. I can only view the task given. | 6th | Pending |
| 7 | Log-In Page Admin | The user can login as an admin which allows them to edit the tasks given. | 7th | Finished 4/4/2025 |
| 8 | Log-In Page Guest | The user can login as a guest, they can accept tasks but not edit them. | 8th | Pending |

Diagram flow for user interaction

Here you can add Diagram flows for the user interactions.



Questions

Below is a list of questions to be addressed as a result of reviewing this design document

| Question | Outcome |
|----------------|--|
| User View | Somehow we will make it so that certain users will have limited access when viewing the To-Do List, hopefully when we get to the webpage part. |
| Due Date Timer | If there is time, we can probably add it so that the user assigned a task will be notified when the due date is up. |
| Design | Also near the end we can modify the To-Do List application to make it more appealing instead of cluttered and simple. |
| Functions | When the user is admin, maybe we can add a list of what they can do near the bottom corner of their screen. |

Sprints

| Sprint number | Activities | Comments (issues, changes, etc) |
|---------------|--|---|
| 1 | Working on a technical design document, majority of user stories completed, flow chart diagram completed, questions asked and answered. | Issues were brought up in the code with the variable group, which was changed to group_mem because it was an already existing variable in python. Also minor indentation errors also due to how python works. |
| 2 | Working with Reflex as the web application and using a template for the tasks. Created the login page and admin login. Talked about how to implement the backend code for the web app. | When working on the login code the most common error was making AuthState work with the other files. Also some minor errors with the rx.cond() function. |
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Sample Layout of Application

To-Do List

Name
Due Date
Description
Status
Group Members

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|--|--|--|--|--|
| | | | | |
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Add

| Name | Description | Status | Due Date | Members |
|------|-------------|--------|----------|---------|
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| | | | | |
| | | | | |
| | | | | |
| | | | | |

Update Delete

Add New Task

Fill in task details

Name

Description

Status

Due Date

Group Members

- to add task
- could look similar to edit task
- instead of having name, description on text box, could be next to it, similar to desk app

Tasks

| Name | Description | Status | Due Date | Members | Actions |
|------|-------------|-------------|----------|---------|---|
| Bob | idk | in-progress | 4-3-25 | Carl | <input type="button" value="Edit"/> <input type="button" value="Delete"/> |
| | | | | | <input type="button" value="Mark as Complete"/> |

- View tasks
- could add button to mark as complete for simplicity instead of having to go to edit.