UpGrad

Assignment

Sketch

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Suppose you're working as a PM at DoToday, a startup working on a next-gen to-do list and task management app. You want to launch the smartphone app, for Android and iOS. You understand that the app functionality would be the same for both of these, and hence you only want to focus on sketching it out. As the sole product manager working on this app, you have a few ideas regarding the design and functionality that you'd want to incorporate.

The objectives of this assignment are:

1. Functional requirements: Identify the range of functional requirements, taking in consideration all use cases and identify the best possible solution to perform the task

2. Sketch description: Create the required sketches and place the screenshot of each screen on relevant slides with details of the screen. Prepare a slide showing the flow of your sketch along with constraints

3. User testing for each screen with a suitable user, along with learning from the same

Note: Only think of the functionalities you would like to have in both of these apps and sketch the paper prototypes based on that. Also, don't worry about the nuts and bolts like login or registration; concentrate on the cool stuff.

Functional Requirements

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Use cases	Functional requirements
1. Login/Register 2. View Tasks/To do lists 3. Filter Tasks by Date/Completed/Category 4. Add/Edit/Delete Category 5. Add new task with a reminder 6. Delete the task 7. Mark the task as complete 8. Mark the task as incomplete/in progress. 9. View list of completed tasks.	1. User is able to Register/Login 2. Tasks – View, Edit, Delete 3. Filter tasks by parameters 4. Category – Add/Edit/Delete 5. Reminder – Add/Edit/Delete 6. Mark a task as complete/incomplete

Choice of best solution:

The best solution is to make 5 screens that combine related functionalities as mentioned in the following slides

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Initial Sketch	After Feedback

Login Screen

Do Today

Email Address

Password

Login

New User? Register

Do Today

Email Address
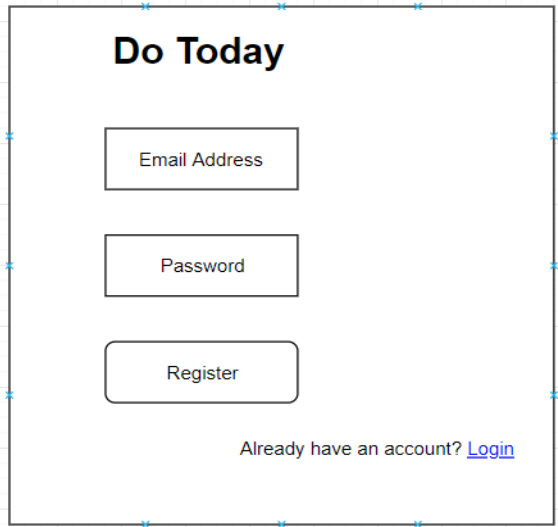
Password

Login with Facebook

Login

Login with Gmail

New User? Register

Feedback received from the user: User wanted to be able to login with gmail or facebook accounts as well, so introduced the login links.
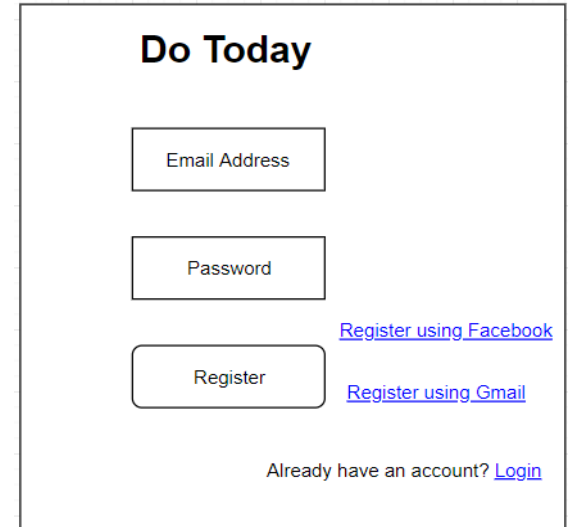
Initial Sketch	After Feedback
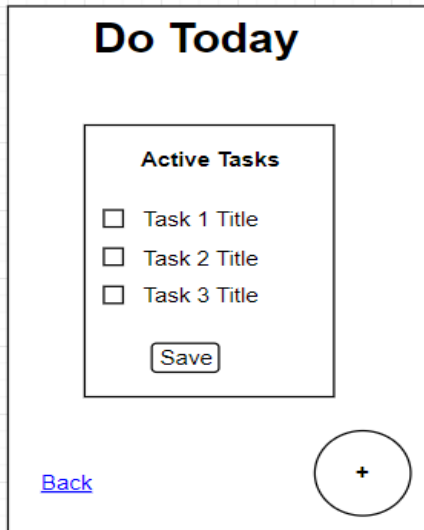
Register Screen

Feedback received from the user: User wanted to be able to register with gmail or facebook accounts as well, so introduced the corresponding links.
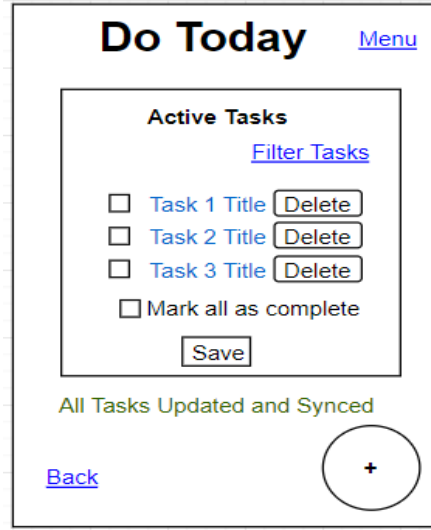
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Initial Sketch	After Feedback
Task List Screen	

Initial Sketch:

Do Today

Active Tasks

☐ Task 1 Title
☐ Task 2 Title
☐ Task 3 Title

Save

Back   +

After Feedback:

Do Today   Menu

Active Tasks

Filter Tasks

☐ Task 1 Title [Delete]
☐ Task 2 Title [Delete]
☐ Task 3 Title [Delete]
☐ Mark all as complete

Save

All Tasks Updated and Synced

Back   +

Feedback received from the user: User wanted to be able to search for tasks by Due date, Status (Completed/Non-Completed), Category. Added these in the "Filter" section. He wanted to see the navigation menu on this screen(see screen 3.1 below), so I added that. He can delete a task through the delete button. Also, he wanted to be able to view/edit the task details from this screen, so I made the tasks as a link. Text in green appears whenever a task is edited/added and is synced with logged-in email. Tasks can be marked complete/incomplete by ticking/unticking the corresponding checkbox and clicking on "Save".
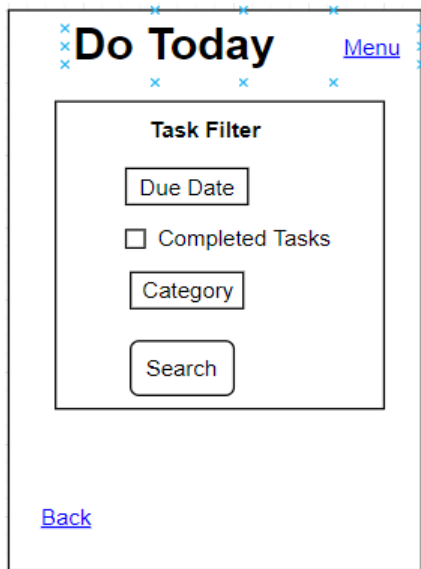
Screen No. 3.1

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Initial Sketch	After Feedback

Menu Items

Initial Sketch

Do Today

Menu
Keyboard
Add Task
Add Category
Logout

Back

After Feedback

Do Today

Menu
Keyboard
Add Task
Add Category
Add Reminder
Logout

Back

Feedback received from the user: The items in the Menu – User wanted to set a reminder for a task right from the Menu, so provided an option to do so. Keyboard can be displayed by clicking on the "Keyboard" link. Logout option is also given.
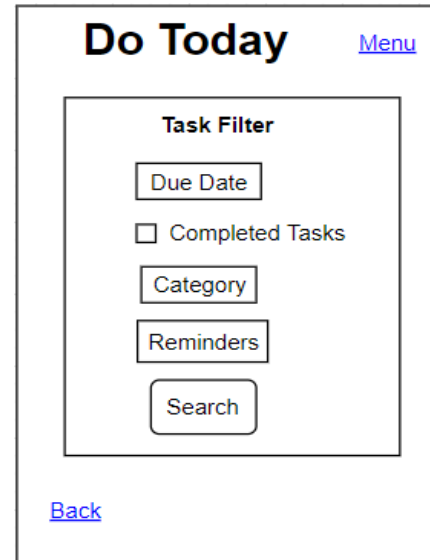
Screen No. 3.2

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Initial Sketch	After Feedback
Task Filter Screen	

Feedback received from the user: User is able to search for tasks by Due date, Status (Completed/Non-Completed), Category. He also wanted to search for tasks by reminders, so added that filter here. On clicking the "Search" button, the user is taken back to Screen No. 3 with the results of search.

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Initial Sketch	After Feedback

Task Details Screen

Do Today   Menu

Task Details

Add/Edit Title

Add/Edit Description

Add/Edit Category

Add/Edit Due Date

Add/Edit Reminder

Save   Delete   Cancel

Back

Do Today   Menu

Task Details

Add/Edit Title

Add/Edit Description

Add/Edit Category

Add/Edit Due Date

Add/Edit Reminder
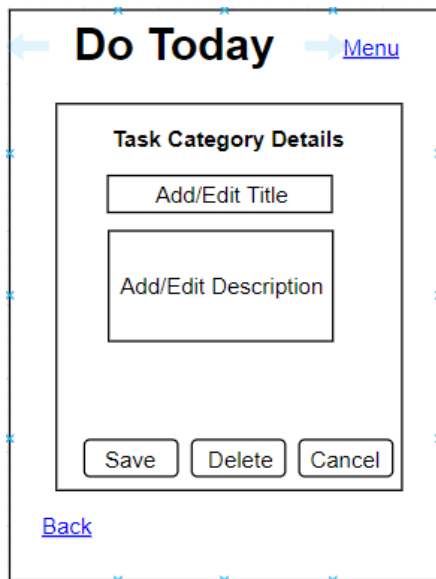
☐ Mark as Complete

Save   Delete   Cancel

Back

Feedback received from the user: User wanted to mark the task as complete, even when creating a new task. So, added the option.
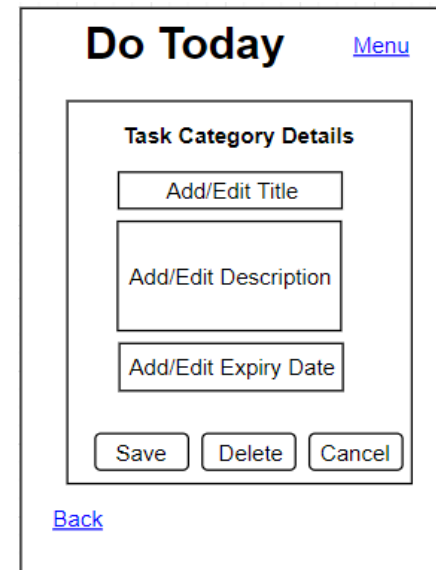
Initial Sketch	After Feedback

Category Screen

Do Today — Menu

Task Category Details

Add/Edit Title

Add/Edit Description

Save   Delete   Cancel

Back

Do Today — Menu

Task Category Details

Add/Edit Title

Add/Edit Description

Add/Edit Expiry Date

Save   Delete   Cancel

Back

Feedback received from the user: User wanted to add an expiry date to a category, so provided the option.

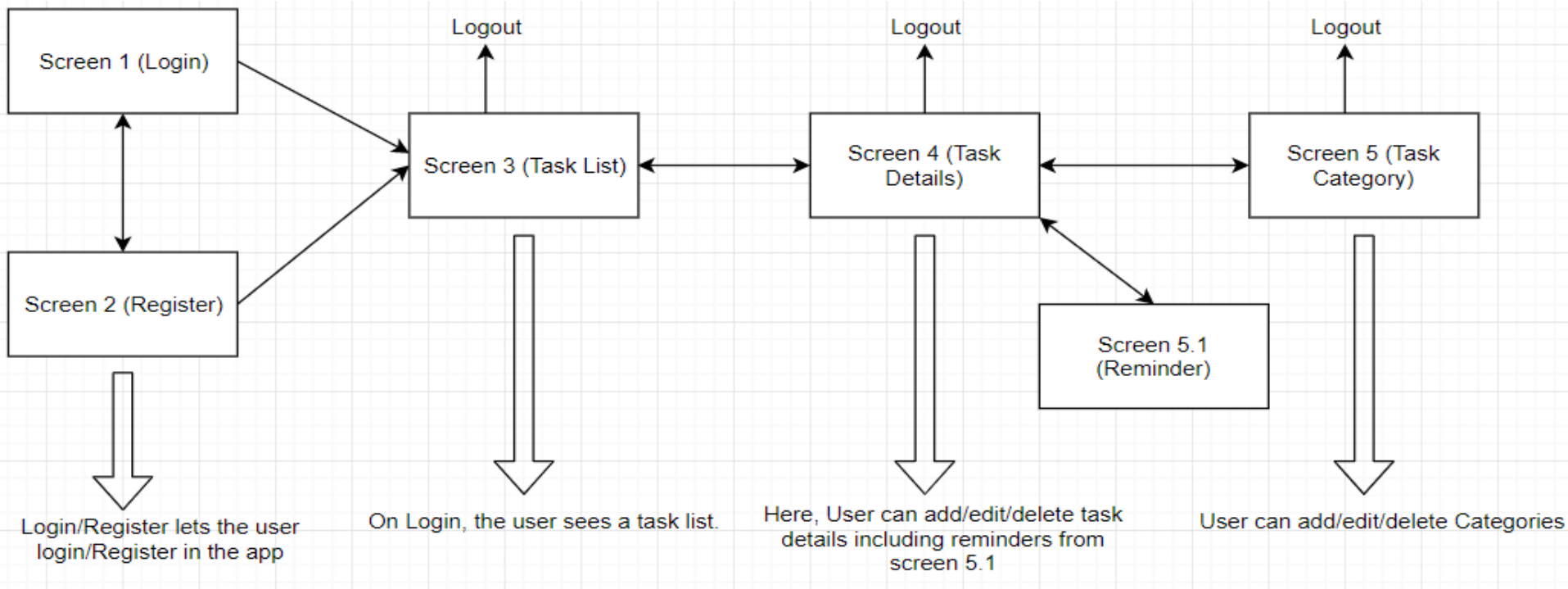| Initial Sketch	After Feedback
Reminder Screen	

Feedback received from the user: No suggestions by the user

Flow of Application

Feedback received from the user: Improvements told by the user are specific to the screens, overall, the user was delighted as his feedback can be incorporated in the final product.

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