



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.

Use cases	Functional requirements
<ol style="list-style-type: none">1. Login/Register2. View Tasks/To do lists3. Filter Tasks by Date/Completed/Category4. Add/Edit/Delete Category5. Add new task with a reminder6. Delete the task7. Mark the task as complete8. Mark the task as incomplete/in progress.9. View list of completed tasks.	<ol style="list-style-type: none">1. User is able to Register/Login2. Tasks – View, Edit, Delete3. Filter tasks by parameters4. Category – Add/Edit/Delete5. Reminder – Add/Edit/Delete6. 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

Initial Sketch

After Feedback

Login Screen

Do Today

Email Address

Password

Login

New User? [Register](#)

Do Today

Email Address

Password

Login

[Login with Facebook](#)

[Login with Gmail](#)

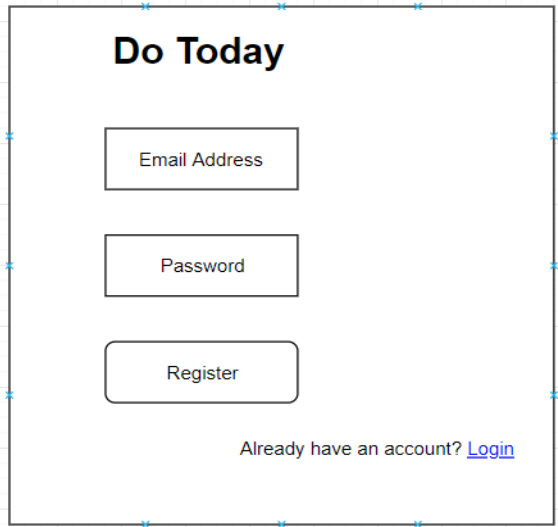
New User? [Register](#)

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



Do Today

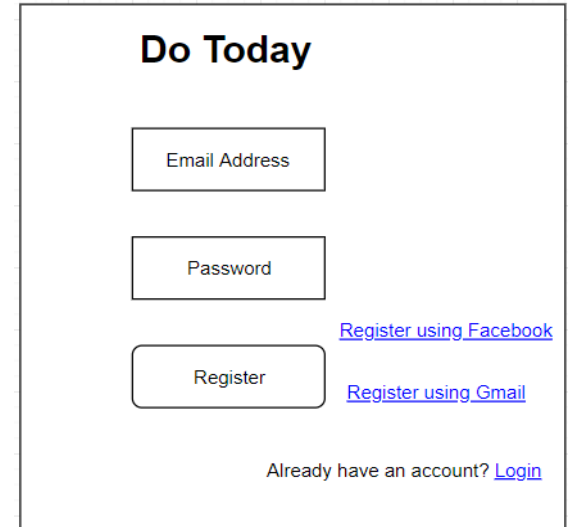
Email Address

Password

Register

Already have an account? [Login](#)

The initial sketch shows a registration form with a title 'Do Today', three input fields (Email Address, Password, Register), and a link to 'Login' for existing users.



Do Today

Email Address

Password

Register

[Register using Facebook](#)

[Register using Gmail](#)

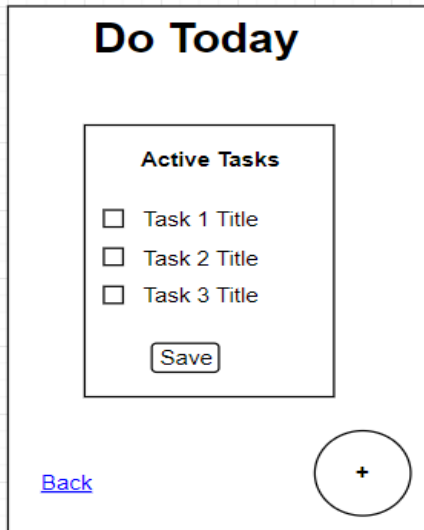
Already have an account? [Login](#)

The updated register screen includes social media registration links: 'Register using Facebook' and 'Register using Gmail'.

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

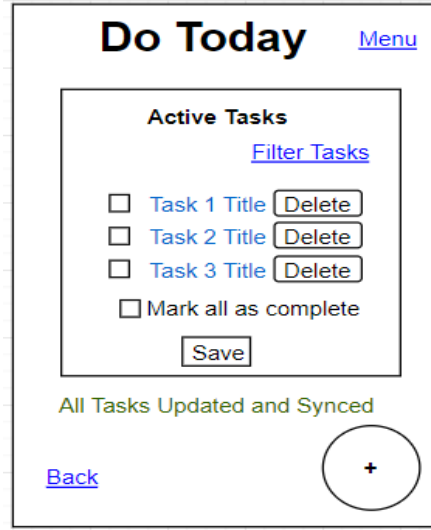
Initial Sketch

Task List Screen



The initial sketch of the Task List Screen shows a white card titled "Do Today" with a black border. Inside the card, there is a section titled "Active Tasks" with a black border. This section contains three tasks, each with a checkbox and a title: "Task 1 Title", "Task 2 Title", and "Task 3 Title". Below these tasks is a "Save" button. At the bottom left of the card is a blue "Back" link, and at the bottom right is a circular button with a plus sign.

After Feedback



The Task List Screen after feedback includes several enhancements. The "Do Today" title is now in black, and a blue "Menu" link is added at the top right. The "Active Tasks" section has a blue "Filter Tasks" link at the top right. Each task now includes a checkbox, a blue link for the task title, and a "Delete" button. A new checkbox labeled "Mark all as complete" is added below the task list. The "Save" button remains at the bottom of the task list. The blue "Back" link is at the bottom left, and the circular plus button is at the bottom right. A green status message "All Tasks Updated and Synced" is displayed below the task list.

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".

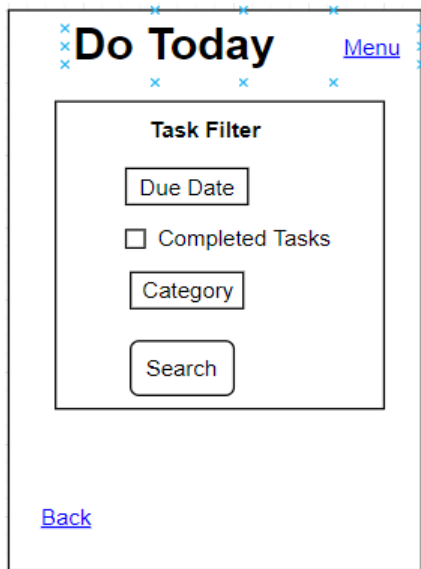
Initial Sketch	After Feedback
<p data-bbox="19 256 212 289">Menu Items</p> <div data-bbox="382 252 788 821"><h2 data-bbox="440 267 633 311">Do Today</h2><div data-bbox="568 325 780 491"><a data-bbox="718 333 776 354" href="#">Menu <a data-bbox="610 360 707 382" href="#">Keyboard <a data-bbox="610 387 707 409" href="#">Add Task <a data-bbox="610 414 741 436" href="#">Add Category <a data-bbox="610 442 683 464" href="#">Logout</div><a data-bbox="413 753 463 775" href="#">Back</div>	<div data-bbox="1313 248 1719 821"><h2 data-bbox="1371 264 1564 307">Do Today</h2><div data-bbox="1499 322 1711 488"><a data-bbox="1649 329 1707 351" href="#">Menu <a data-bbox="1537 357 1634 378" href="#">Keyboard <a data-bbox="1537 384 1634 406" href="#">Add Task <a data-bbox="1537 411 1669 433" href="#">Add Category <a data-bbox="1537 438 1673 460" href="#">Add Reminder <a data-bbox="1537 466 1611 488" href="#">Logout</div><a data-bbox="1344 750 1394 772" href="#">Back</div>

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.

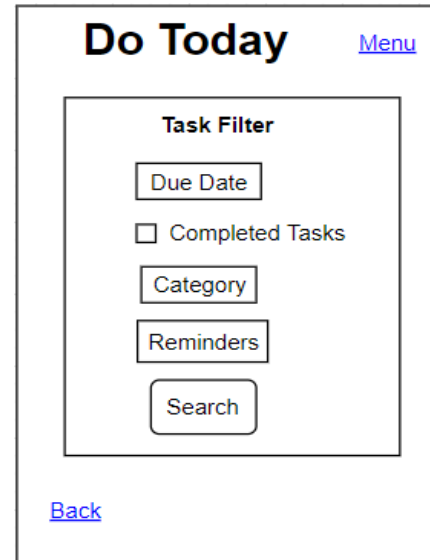
Initial Sketch

After Feedback

Task Filter Screen



The initial sketch of the Task Filter Screen shows a main container with a title "Do Today" and a "Menu" link. Inside, there is a "Task Filter" section containing a "Due Date" input field, a checkbox for "Completed Tasks", a "Category" input field, and a "Search" button. A "Back" link is at the bottom left. The sketch includes blue 'x' marks indicating alignment guides.



The updated version of the Task Filter Screen after feedback shows the same layout but with an additional "Reminders" input field added below the "Category" field. The "Back" link remains at the bottom left.

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.

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](#)

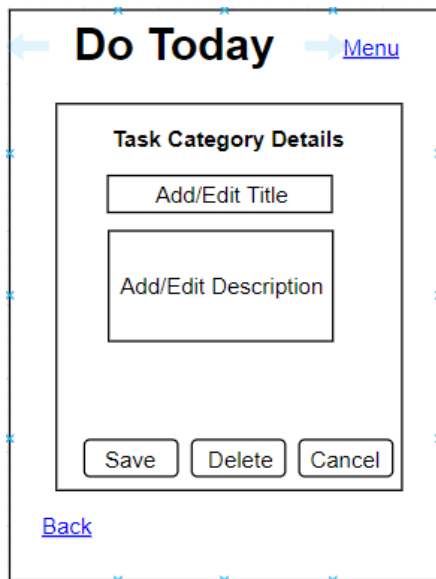
[Back](#)

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

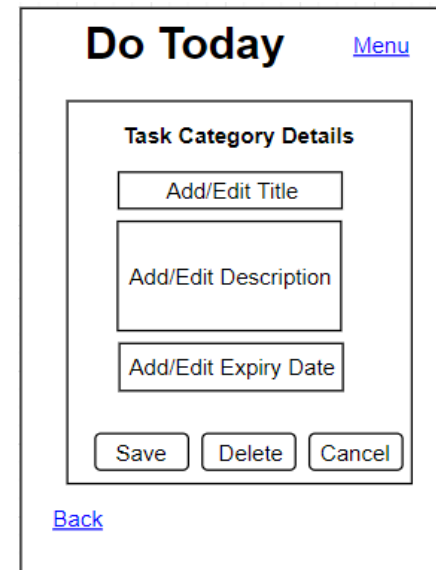
Initial Sketch

After Feedback

Category Screen



The initial sketch of the 'Do Today' screen shows a central container with a title bar 'Do Today' and a 'Menu' link. Below the title bar is a 'Task Category Details' section containing two input fields: 'Add/Edit Title' and 'Add/Edit Description'. At the bottom of this section are three buttons: 'Save', 'Delete', and 'Cancel'. A 'Back' link is located at the bottom left of the screen. The entire screen is enclosed in a rectangular frame with blue corner handles.



The updated version of the 'Do Today' screen after feedback includes an additional input field, 'Add/Edit Expiry Date', positioned below the 'Add/Edit Description' field. The 'Task Category Details' section now contains three input fields. The 'Back' link remains at the bottom left, and the 'Menu' link is at the top right. The screen is enclosed in a rectangular frame with blue corner handles.

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

Do Today [Menu](#)

Reminder Details

Select a Task

Minutes before Due Date

OR

Set a specific Date and Time for Reminder

Save

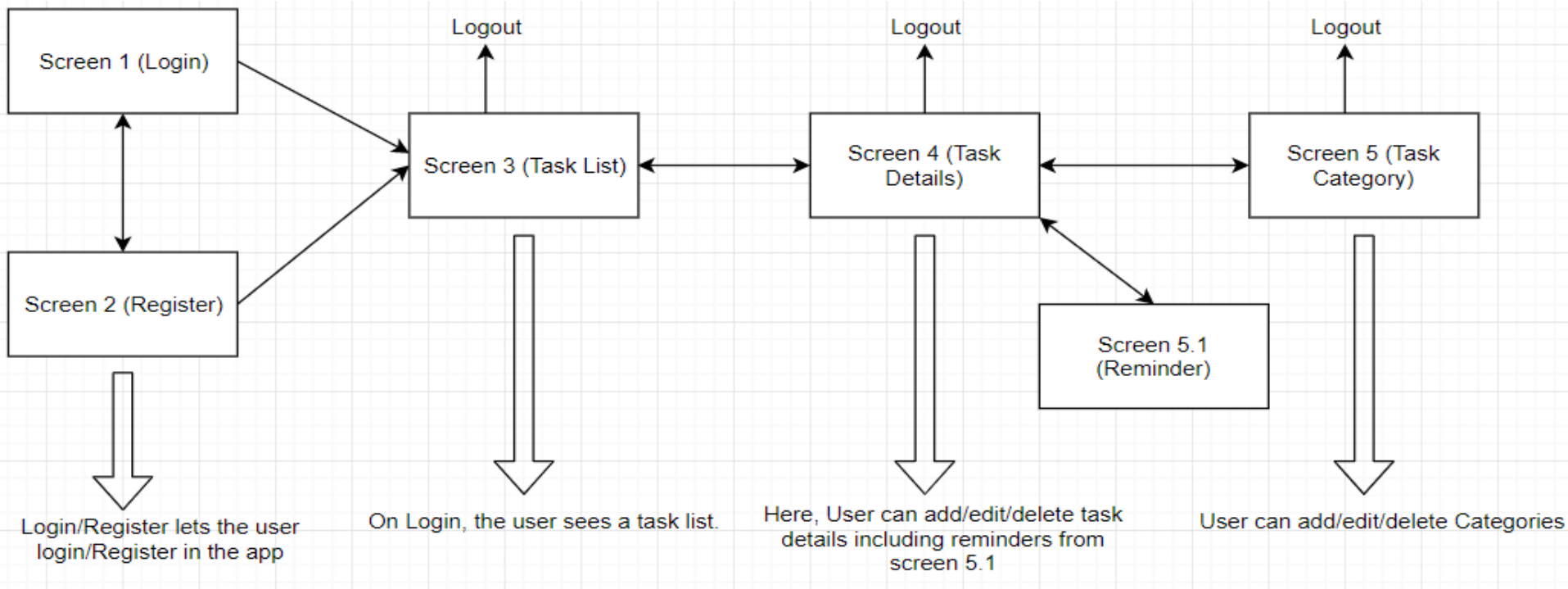
Delete

Cancel

[Back](#)

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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