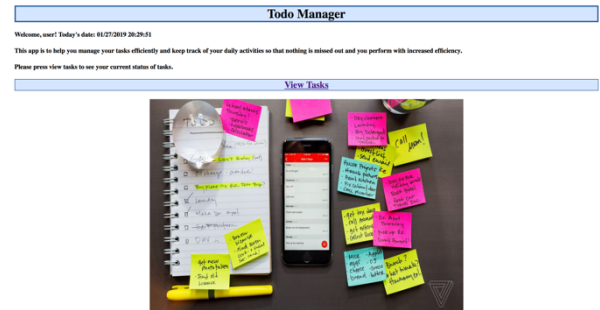


Todo Manager

User Manual

Home Page

This is the opening page from which the todo manager can be accessed.



Task Listing Screen

Listing Tasks									
Create a New Task									
sort by date none ascending Sort search by task category all categories Search									
Priority	Title	Description	Start Date	Due Date	End Date	Status	Category	Show	Edit
normal	buy a new car	buy austin or mustang. look for mercedes price	27/01/2019	20/02/2019	-	Not Started	red	Show	Edit
high	testing colours	insert a meaningful description about the task here	27/01/2019	27/01/2019	-	Not Started	blue	Show	Edit
high	have coffee	go out and get coffee with billy	27/01/2019	28/01/2019	-	Not Started	green	Show	Edit
high	Meet lawyer	to discuss about the rental reduction for the premises	27/01/2019	27/02/2019	-	In Progress	red	Show	Edit
high	arrange air ticket	talk to agent for discounted tickets to vietnam, hanoi	27/01/2019	28/01/2019	-	Not Started	purple	Show	Edit
low	eat cake	there is a cake in the fridge to eat by today	27/01/2019	27/01/2019	-	In Progress	orange	Show	Edit
normal	christmas gift for ashia	need to ask someone what to get asha.	27/01/2019	25/12/2019	-	Deferred	(blank)	Show	Edit
normal	project plan to be submitted	waiting for schedule from client	27/01/2019	31/01/2019	-	Waiting on Others	blue	Show	Edit
normal	get new shoes	the old ones are very old. size 10 uk.	27/01/2019	28/01/2019	27/01/2019	Completed	(blank)	Show	Edit

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Field Name	Details	Valid Values
Priority	Denotes the urgency of the requirement. The user can select the urgency from a drop down list	Normal Low High
Title	Short name of the task	User input
Description	Detailed description of the task	User input
Start Date	Starting Date of the task	Today or later (past dates are not allowed)
Due Date	Deadline of the task	Not before start date
End Date	Actual ending date of task	Will not display for incomplete tasks. Will be populated once task status is completed
Status	Completion status of task selected from a drop down	Not Started In Progress Completed Deferred Waiting on Others
Category	Colour code of task. Meaning is defined by user. Colour coding is provided	(blank) Red Blue Green Purple Orange
Show	Hyperlink. Provides a detailed look at the selected task	Display only
Edit	Hyperlink. Provides the option to modify the selected task	Editable form

Remove	Allows user to delete a task after asking for confirmation.	OK will delete task and refresh the task list Cancel will return to previous screen without making changes
Back to Home	Hyperlink. Returns user to home screen.	
Sort by date	Allows user to sort the list. Sort button to execute the sort.	Start date End date Due date Ascending Descending
Search by category	Allows user to filter out the tasks by selected category. Search button to execute the filter.	(blank) Red Blue Green Purple Orange

Show Task

Show hyperlink from the task page will take the user here. Edit will take user to editing form, back will return user to task list.

Show Task Details

Title:	buy a new car
Description:	buy austin or mustang. look for mercedes price
Start Date:	27/01/2019
Due Date:	20/02/2019
End Date:	-
Status:	Not Started
Priority:	normal
Category:	red

Edit Task

Edit hyperlink from the task page will take the user here. Update will make the changes and take user to Show page, go back to task listing will return user to task list.

Edit Task

Title
buy a new car

Description
buy austin or mustang. look for mercedes price

Start 2019 January 27 Due date 2019 February 20 End date 2019 January 27
Status Not Started Priority normal Category red

Update

[Go Back to Tasks Listing](#)

New Task

Create a new task hyperlink from the task page will take the user here. Pressing the submit button will create a new task and take user to Show page, go back to task listing will return user to task list.

New Task

Title

Description

Start 2019 January 27 Due date 2019 January 27 End date 2019 January 27
Status Not Started Priority normal Category (blank)

Submit

[Go Back to Tasks Listing](#)

Remove Task

Are you sure you want to remove this task?

Cancel OK

Once remove hyperlink is pressed on task page, this confirmation dialog is displayed. OK will remove the task and Cancel will make no changes. Both buttons will return user to task list.

Reflection

I am actually quite proud of this application. I originally had no idea what Ruby on Rails was, and I have now acquired some understanding of it. This assignment was a great learning experience for not just programming in Ruby but also about developing an application in general.

Apart from programming, I learnt that simply adding some kind of styling or colours vastly improves the aesthetic of the application. Another important thing I learnt to do was to rigorously test every functionality and try my best to induce an error to fix so that the final product does not crash unexpectedly.

I am very grateful for the huge amounts of information on the internet regarding every single problem I could possibly come across. This project would have been much harder without the internet.

If I had more time to do this project, I would add more functionalities and modify existing ones to make the project more robust. My ideas include:

- Explore additional parameters to add to each task
- Add time along with the already existing date in each task to facilitate planning or scheduling of the day's tasks.
- Create a small editable area on the task listing screen itself where tasks can be created or edited without having to go to a new page.
- Create pop-ups or alerts to show which tasks are due today when the todo manager is opened
- Separate completed tasks in a different table to make managing tasks
- Edit task categories dynamically in the listing task table
- Hide the option to select an end date if task status is not completed
- Create dependent drop downs to filter by not just category, but also status and priority
- Sort by multiple parameters
- Make the application accessible from the internet.

In order to improve my understanding of Ruby on Rails, I would like to continue working on this project after the deadline and try to implement these ideas.