

Task Manager

Done By

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1.Introduction

Task manger is a web application created by using django. This application can be used for personal or an administrative purpose.

2.Software Requirement Specification

1. HTML5
2. Css3
3. Bootstrap 3.4.3
4. Javascript
5. JQuery
6. AngularJs 1.7
7. Django 2.1
8. Python 3.7

3.Features

This application can be used in two ways personal and administrative purpose.

The personal usage of the application is the user can assign tasks to himself.

The administrative end is the manager can assign tasks to his workers individually or a group task and he can get responses from them in a comment section and he can also reply the comments and he can get task progress status from the workers.

The user can join multiple teams and create multiple teams.

Modules list

Registration

Login

Personal

Teams

Create team

View team page

View team profile

Profile

Registration

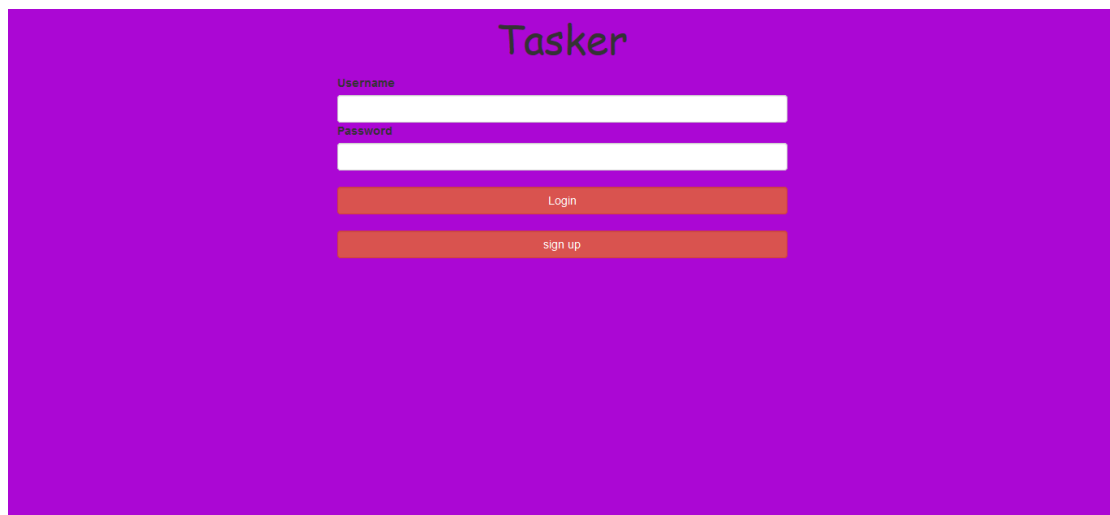
In registration user can create an account to use this application without the registration user cannot use the application



The registration form is titled "Tasker" in a large, bold, black font at the top center. Below the title, there are five input fields stacked vertically, each with a label to its left: "username", "email", "ph", "password", and "confirm password". The labels are in a small, black, sans-serif font. The input fields are white with a light gray border. At the bottom of the form, there is a single, wide, orange button with the word "submit" in a small, black, sans-serif font.

Login

Only the registered user can login to the application and use the application



The login form is titled "Tasker" in a large, bold, black font at the top center. Below the title, there are two input fields stacked vertically, each with a label to its left: "Username" and "Password". The labels are in a small, black, sans-serif font. The input fields are white with a light gray border. Below the input fields, there are two orange buttons stacked vertically. The top button is labeled "Login" and the bottom button is labeled "sign up", both in a small, black, sans-serif font.

Personal

After login to the application it redirects the user to the personal page here he can create assign tasks for himself

Tasker

Home Personal Teams Create Team Profile Logout

Task Addtask +

Due Date

Add Task

Undone tasks

complete todo
2019-03-19 Done

win
2019-03-18 Done

finish all works

Create team

In this page user can create teams

Tasker

Home Personal Teams Create Team Profile Logout

Team Name

Team Description

Create Team

Teams

In this page the teams created by the user and the teams he is in.

My Teams

deva

View team page

In this page the undone tasks will be displayed. The team leader can Edit and Delete the tasks. The team members can comment and reply to all the tasks. And the team leader can see the task's progress.

Team leader's view:

deva

Add Task +

Title: deva

Task Description: finished
Due Date: March 29, 2019
Assignee: deva
Assignee: deepika

Status: undone

Delete Edit

Status

deva
undone

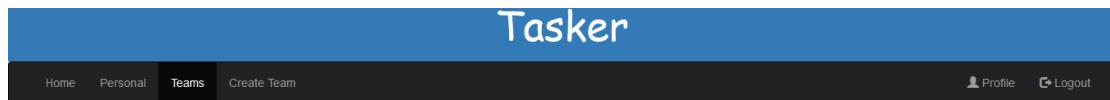
deepika
undone

Comment

Comment

Post

Team member's view



deva

Title: deva

Task Description: finished
Due Date: March 29, 2019
Assignee: deva
Assignee: deepika

Status: undone

Comment

Comment

Post

Planned

On Process

Done

View team profile

Here team member can view the team's bio and if he doesn't want to be the part of the team he can leave the team

And the team member can remove any member from the team and also he can delete the team



deva

Admin: hari

Team Description :
winner

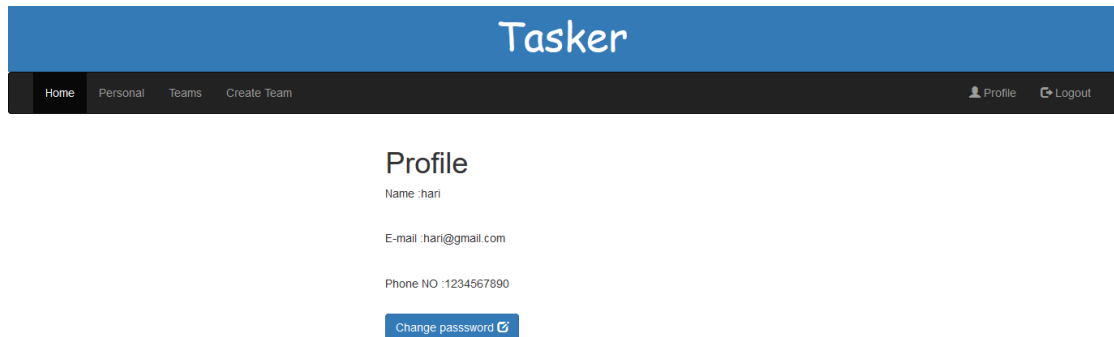
deva	Remove
deepika	Remove
krishnan	Remove
lavanya	Remove

Delete Team

Add Member

Profile

In profile users can see their profile and change the password of their account



4. Table Structure

- user
fields: username, emailed, ph_no, password
- personal_todo
fields: task, task_status, date, created_date, username
- team_details
fields: team_name, team_description, created_date, created_by
- team_members
fields: team_name, member_name
- teamtasks
fields: team_name, date, team_task_name, team_task_description, task_status, task_created_by
- teamtaskmembers
fields: task_id, assignee, task_status, team_name
- commentreply
fields: team_name, task_status, comment, task_id, commented_by

5. Test Cases

Case1: Trying to open a team page using URL to which current user is not member of the team it will display you are not authorized to view the page

Expected Output: you are not authorized to view the page

Actual Output: you are not authorized to view the page or team page

Result: Pass

Case2: Trying to open a team profile using URL to which current user is not member of the team it will display you are not authorized to view the page

Expected Output: you are not authorized to view the page

Actual Output: you are not authorized to view the page or team page

Result: Pass

Case3: trying to add a team member already added to the team

Expected Output: There will be no action.

Actual Output: There was no action as user is already in the team.

Result: Pass

Case 4: trying to register in an existing user's name. the username is unique

Expected Output: username already taken

Actual Output: username already taken

Result: Pass

Case 5: trying to create a new team name in an existing team's name. the team name is unique

Expected Output: teamname already taken

Actual Output: teamname already taken

Result: Pass

6.Scope of future enhancements

1. Provide notifications to the user
2. Allow user to join a public group
3. Search option to find the user
4. Search option to find the task in a lists of tasks
5. Team invitation link
6. Allow users to follow other users
7. Private chats and groups