

“Tasko Admisistrare” Product Requirements Document (PRD)

Goal:

Create a small working prototype (called “tasko admisistrare”) with the functionality outlined within this specification that is launched on staging system for testing.

Objectives:

- Allow our staff to test rapidly a working prototype in a staging environment and review code implementation.

Timing:

- As soon as possible

How we Measure Success

- Adherence to specification
 - The prototype should include the functions as specified in this requirement document.
- Good usability
 - While this prototype does not require a polished “production ready” design, it should be highly usable via modern browsers (Chrome, primarily)
- Live on testing environment
 - The prototype should be uploaded and fully functional in our testing environment.

Target Users

1. Internal users / testers only at this point
 - a. Primary browser: Chrome

Coding, Creative and UI Requirements

- No HAML or SASS (please use HTML and CSS)

- Please use CSS for layout - no legacy TABLE functions etc.
- OK to use HTML5 etc. since this will be viewed on Chrome primarily.
- **Developer does not need to create a polished graphical design for this prototype.** Any graphical design is nice, but not required (and should not increase hours on this project).
- It's fine to use elements from the wireframes, as desired (JPGs will be provided).

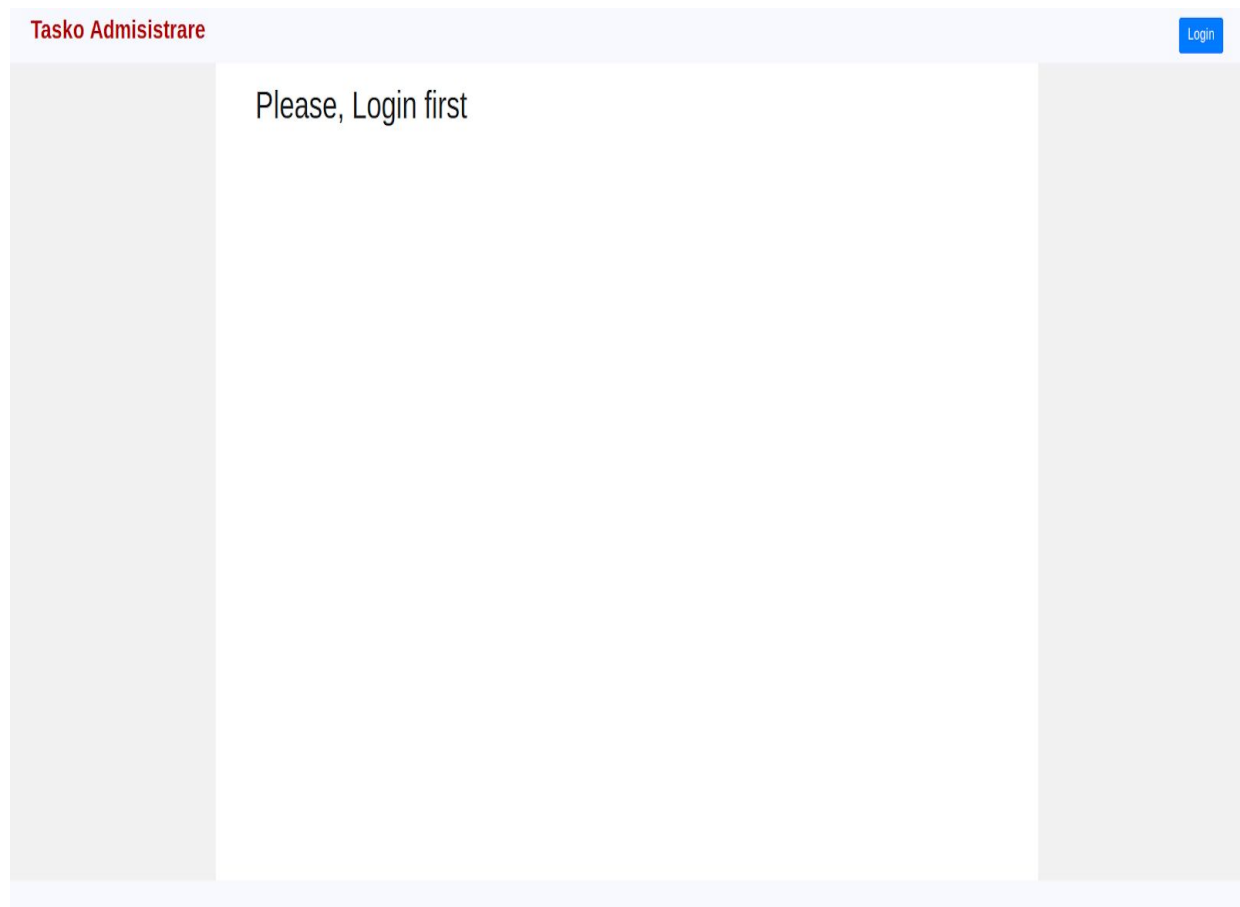
Feature & Functionality Requirements

Global Features & Functionality

- **Session Management**
 - When a user signs in, a user session is created. The user session is persistent until the user actively logs out or closes the browser window or a period of time elapses without any activity (~15 minutes).
 - A user can log out by clicking the “Hi <username>” function in the upper right-hand corner of any logged-in page and selecting “Sign Out” from the drop-down menu
 - If a user is logged out and tries to access a page within the site, they are redirected to the home page.
- **Security**
 - Whenever a user enters log in or sign up, information (that includes an item like their password), the browser session is encrypted (https).
 - The passwords should be stored encrypted in the database using a secure hash such as bcrypt.
- **Data Entry Confirmation**
 - On the data entry page, once a user presses the appropriate submission button, the records are added to the database and the “Successful Entry Dialog” is shown (see page below).
- **“Hi <username>” Function**
 - Appears in upper right of every page and upon rollover or click, expands to show a “Sign Out” link from the drop down menu. When the user clicks on that link, they are signed out from the session and returned to the homepage.
- **Data Structure & Relationships**

- This prototype deals with two primary data types that have the following relationships and should be appropriately represented in the system or DB:
 - **Users** - Multiple user can register with this application. For example :-
 - Mark Williams
 - Marlo Hill
 - **Task types** – These are the types of tasks that logged in user can create. For example:
 - “Home”
 - “Office”
 - **Status** :- Task must have one status. For example - InProgress, complete etc.
 - **Tasks** – Each task type can have one or more associated tasks. Any logged in user can create a task of specific type mentioning its status and can assign that task to any user. For example:
 - “Home” tasks are as follows :-
 - Buy vegetables
 - Car Service
 - “Office” tasks are :-
 - Buy round table
 - Hire senior developer
 - **Comments** :- All tasks are visible to all logged in users. Any logged in users can comment on any task and can change task’s status.
 - For example :- User(Mark Willaims) creates new task (Buy vegetables) with status - InProgress and do comment on this task saying - “*Buy vegetables by today only*” and has assigned this task to (Marlo) to accomplish this. Now, User(Marlo) can accomplish this task and can do comment saying - “I bought the vegetables sir.” and change the status to “Complete”.

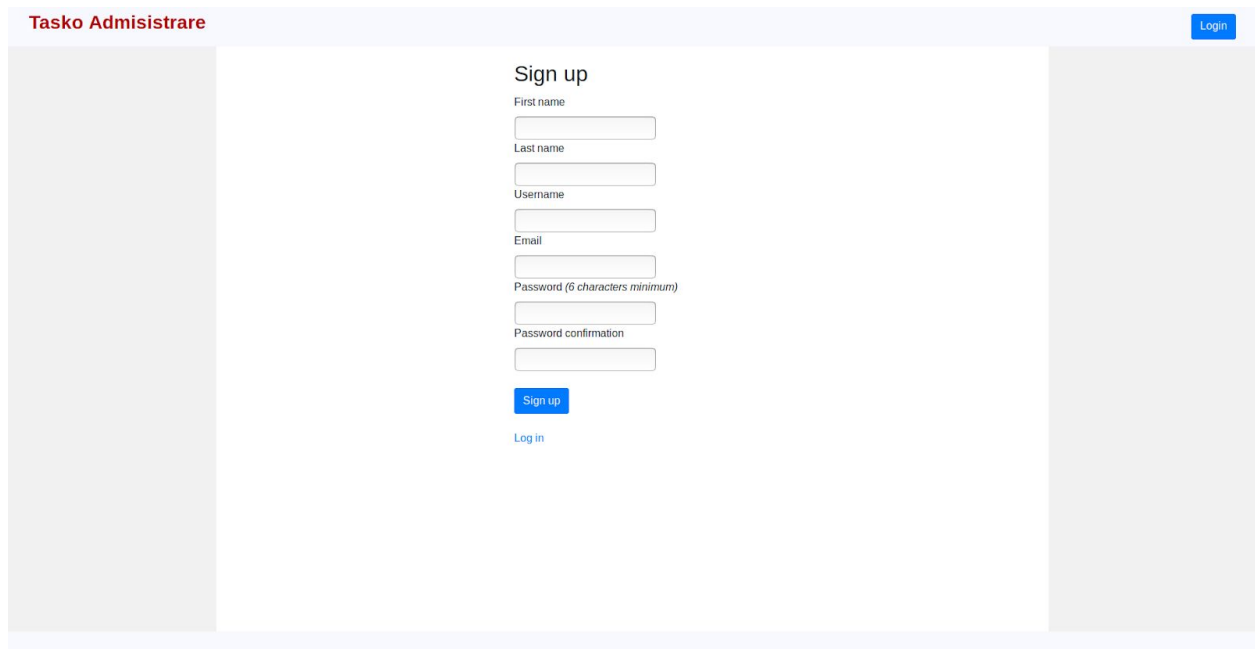
Home Page



Features :

- When users first arrive at the site and are logged out, they are shown the home page above that has the logo/ logo text and a Login link in the upper right corner
- When user clicks on login link, they are taken to login screen which have signup button to register.

Sign-Up Screen :-



The image shows a web application interface for a sign-up screen. At the top left, there is a header "Tasko Admisistrare" in red text. At the top right, there is a blue button labeled "Login". The main content area is white and contains a "Sign up" heading. Below the heading are several input fields: "First name", "Last name", "Username", "Email", "Password (6 characters minimum)", and "Password confirmation". Each field has a corresponding input box. Below the input fields is a blue button labeled "Sign up". At the bottom of the form, there is a link labeled "Log in". The entire form is centered on the page.

Features:

- User should register by using devise.
- After adding first name and last name, a *username* must be created(combination of *first name* and *last name* that has been entered by the user) in this application.
- *Username* should be unique for each user. If *username* already exists either you can show the error message on the fly or you can show the error message after the submission of form.

****Note**** :- Better approach is to check the validity of ***username*** on the fly instead of waiting for the form submission. It depends upon you.

Login Screen :-

The screenshot shows a web application interface for 'Tasko Admisistrare'. The header bar is light blue with the text 'Tasko Admisistrare' on the left and a blue 'Login' button on the right. The main content area is white and contains a 'Log in' section. This section includes a 'Username' label, a text input field containing 'robertsmith', a 'Password' label, and a password input field with masked characters '*****'. Below the password field is a checkbox labeled 'Remember me'. A green 'Log in' button is positioned below the checkbox. At the bottom of the login section are two links: 'Sign up' and 'Forgot your password?'. The entire page is framed by a light blue border.

Tasko Admisistrare

Login

Log in

Username

robertsmith

Password

☐ Remember me

Log in

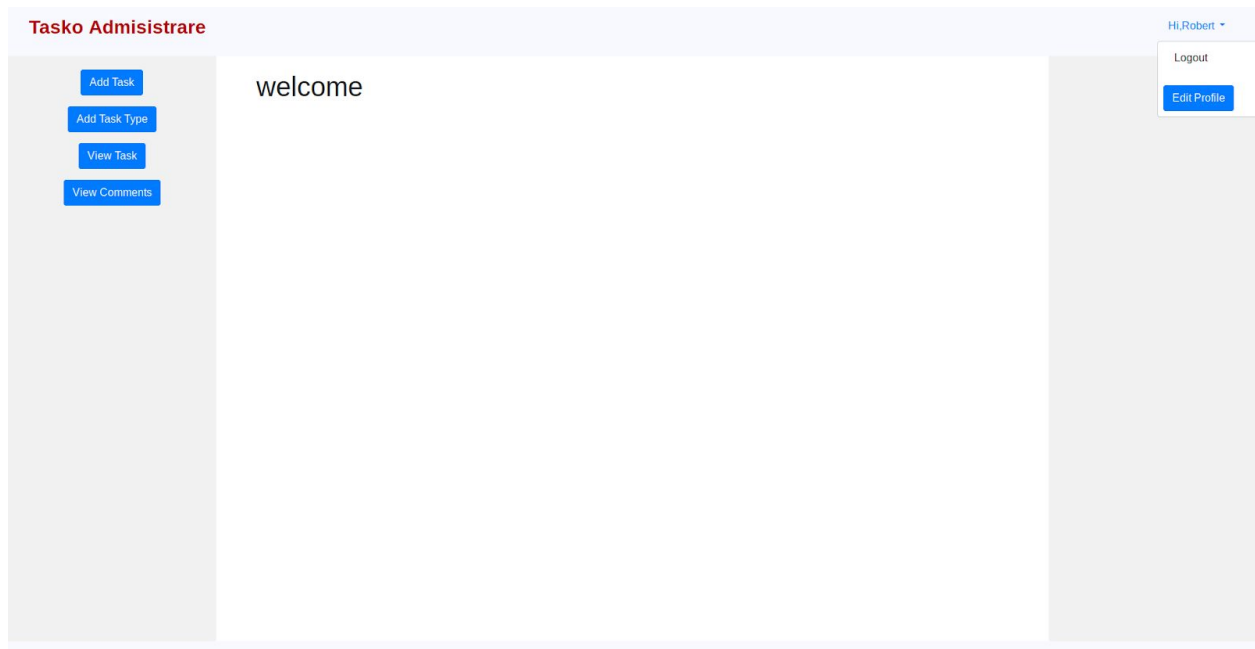
[Sign up](#)

[Forgot your password?](#)

Features :-

- User can login with his username only, not email.

Welcome Screen :-



Features :-

- After login, user can see the welcome screen which has the following links :-
 - Add Task
 - Add Task Type
 - View Task
 - View Comments

Add Task Type Screen :-

Tasko Admisistrare

Hi,Robert ▾

Add Task

Add Task Type

View Task

View Comments

Type Name:

submit

Features :-

- User can create here types for tasks like *Urgent, moderate etc.*

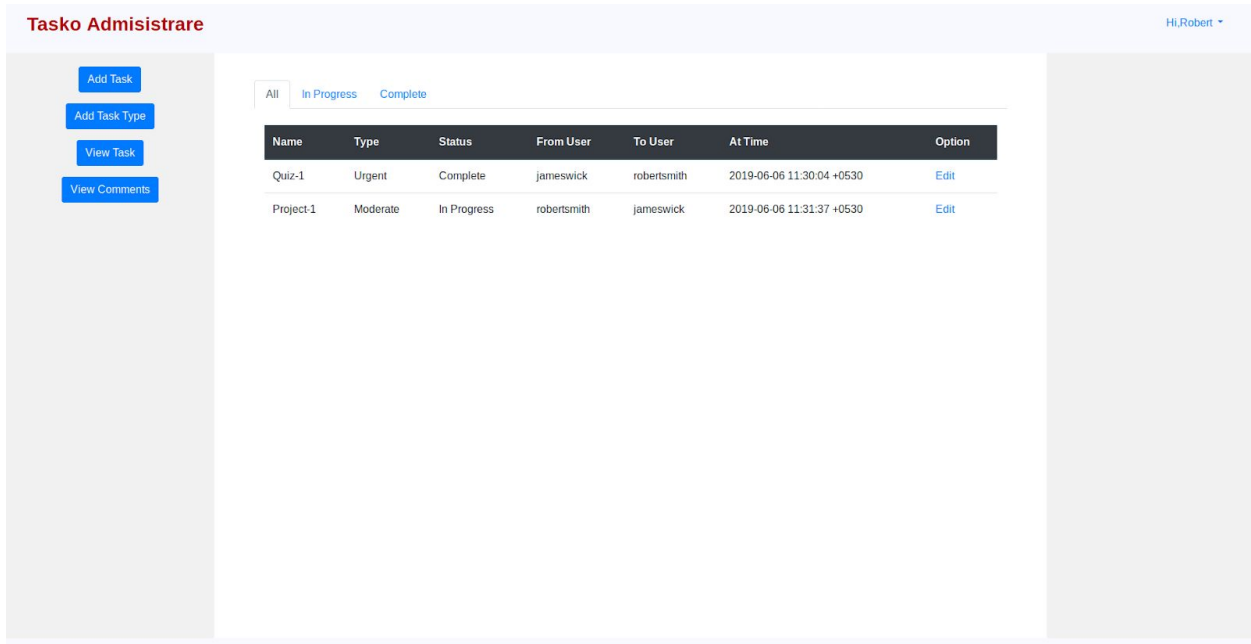
Add Task Screen :-

The screenshot displays the 'Tasko Admisistrare' web application interface. At the top, a header bar contains the application name 'Tasko Admisistrare' on the left and the user's name 'Hi,Robert' with a dropdown arrow on the right. On the left side, there is a sidebar with four blue buttons: 'Add Task', 'Add Task Type', 'View Task', and 'View Comments'. The main content area is a light gray rectangle. In the top-left corner of this area, there is a form for adding a task. The form includes the following elements: a text input field labeled 'Task Name:', a dropdown menu labeled 'Assign To:' with the text 'Select User', another dropdown menu labeled 'Task type:' with the text 'Select Type', and a third dropdown menu labeled 'Task status:' with the text 'Select Status'. Below these fields is a blue link that says 'Add a comment'. At the bottom of the form is a green button labeled 'submit'.

Features :-

- Logged In User can create task and can assign to any user.
- He can enter as many comments as he wishes to in one go(while creating task).

View Tasks Screen :-



The screenshot shows a web application interface for task management. The header includes the title "Tasko Adminisitrare" and a user profile "Hi,Robert". A left sidebar contains four buttons: "Add Task", "Add Task Type", "View Task", and "View Comments". The main content area features three tabs: "All", "In Progress", and "Complete". The "All" tab is selected, displaying a table with task details. The table has columns for Name, Type, Status, From User, To User, At Time, and Option. Two tasks are listed: "Quiz-1" (Urgent, Complete) and "Project-1" (Moderate, In Progress). Each task has an "Edit" link in the Option column.

Name	Type	Status	From User	To User	At Time	Option
Quiz-1	Urgent	Complete	jameswick	robertsmith	2019-06-06 11:30:04 +0530	Edit
Project-1	Moderate	In Progress	robertsmith	jameswick	2019-06-06 11:31:37 +0530	Edit

Features :-

- This screen will show the tabs respective to the Task statuses like InProgress, complete etc.
- Additionally, It must show tab - **All** , which will show all tasks irrespective of the status they own.
- All other tabs will show those tasks having status similar to their tab name. For example, *InProgress* tab will contain all those tasks having status - "*InProgress*" and similarly, *Complete* tab will contain all those tasks having status - "*Complete*".
- Any logged in user can edit the task.
- **InProgress tab screen :**

Tasko Admisistrare

Hi,Robert

Add Task

Add Task Type

View Task

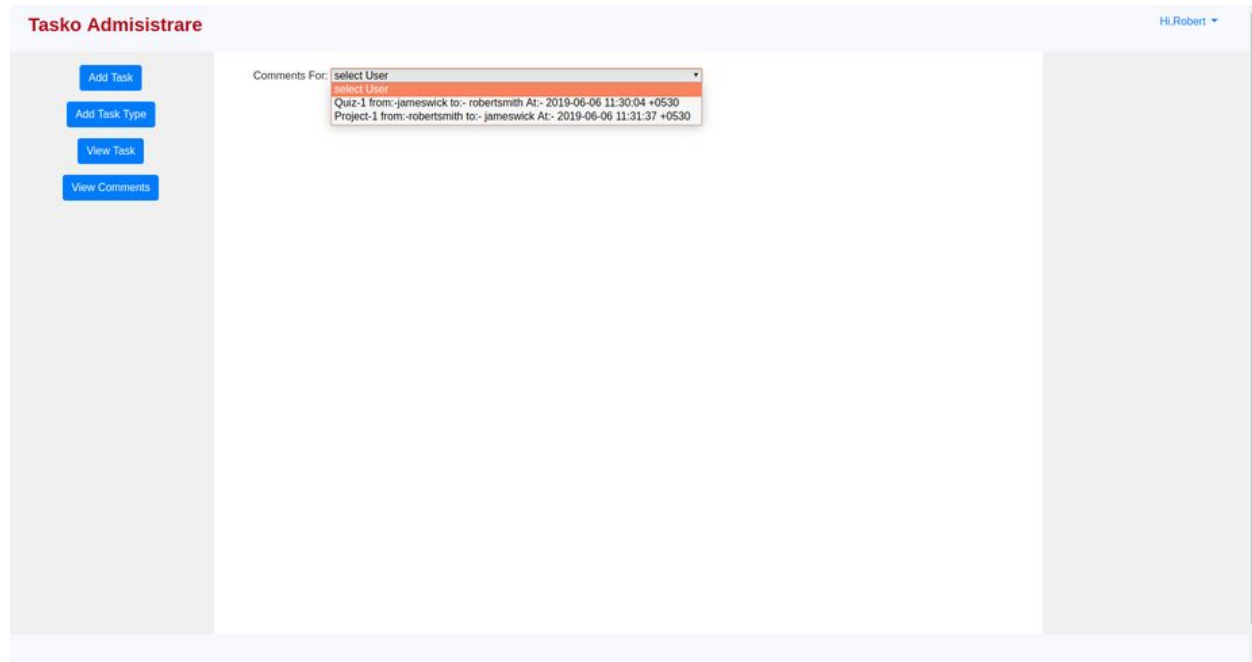
View Comments

AllIn ProgressComplete

Name	Type	Status	From User	To User	At Time	Option
Project-1	Moderate	In Progress	robertsmith	jameswick	2019-06-06 11:31:37 +0530	Edit

1. **From user** - User who is the creator of task.
2. **To User(Assignee)** - User to whom the task got assigned.

View Comments Screen



This screen is used to display all of the comments of all of the tasks.

Features :-

- Drop Down must contain **task name, from-user(creator of task), to-user(assignee of task) and creation time of task** as an option.
- On selecting any option, it must display all of the comments of that task like below :-

Tasko Admisistrare

Hi,Robert

Add Task

Add Task Type

View Task

View Comments

Comments For: Quiz-1 from:jameswick to:- robertsmith At: 2019-06-06 11:30:04 +0530

Comment	Task Name	From User
Do it as soon as possible	Quiz-1	jameswick
ok	Quiz-1	robertsmith
ok	Quiz-1	robertsmith

- Here in this screen, it will display what is the comment and who has commented on that task(**From User in above screen**).