

Robots4All Technical Task

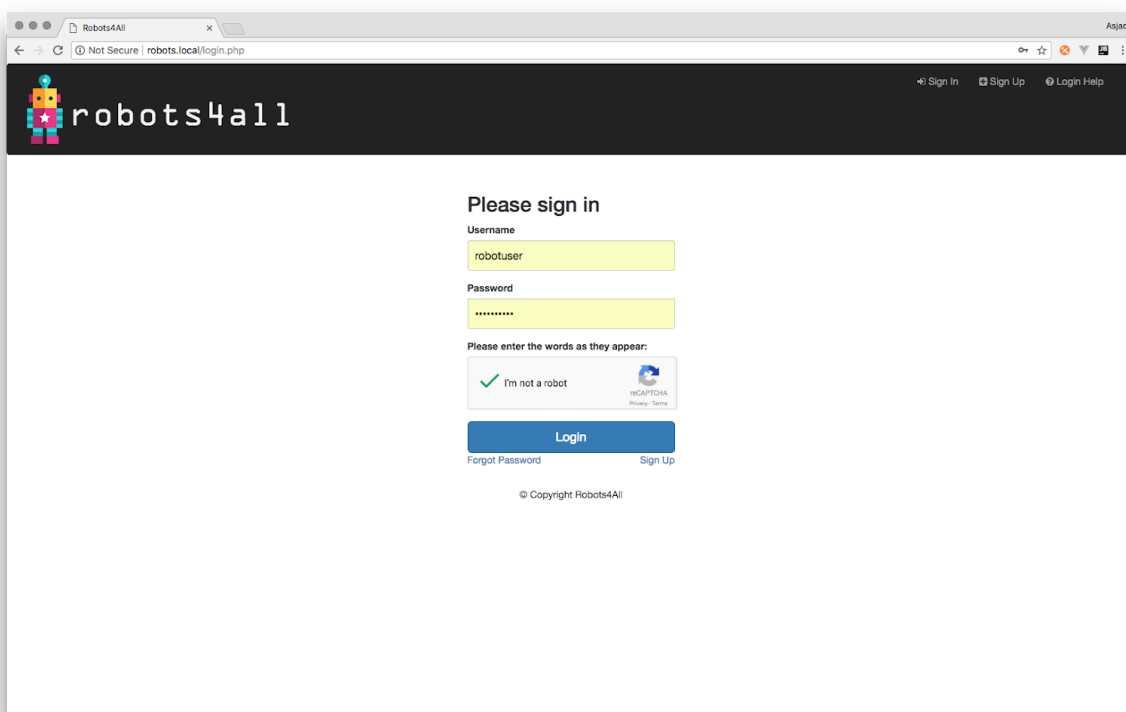
Technology Stack:

- PHP 7
- UserSpice management framework
- MySQL
- Apache

Functionality:

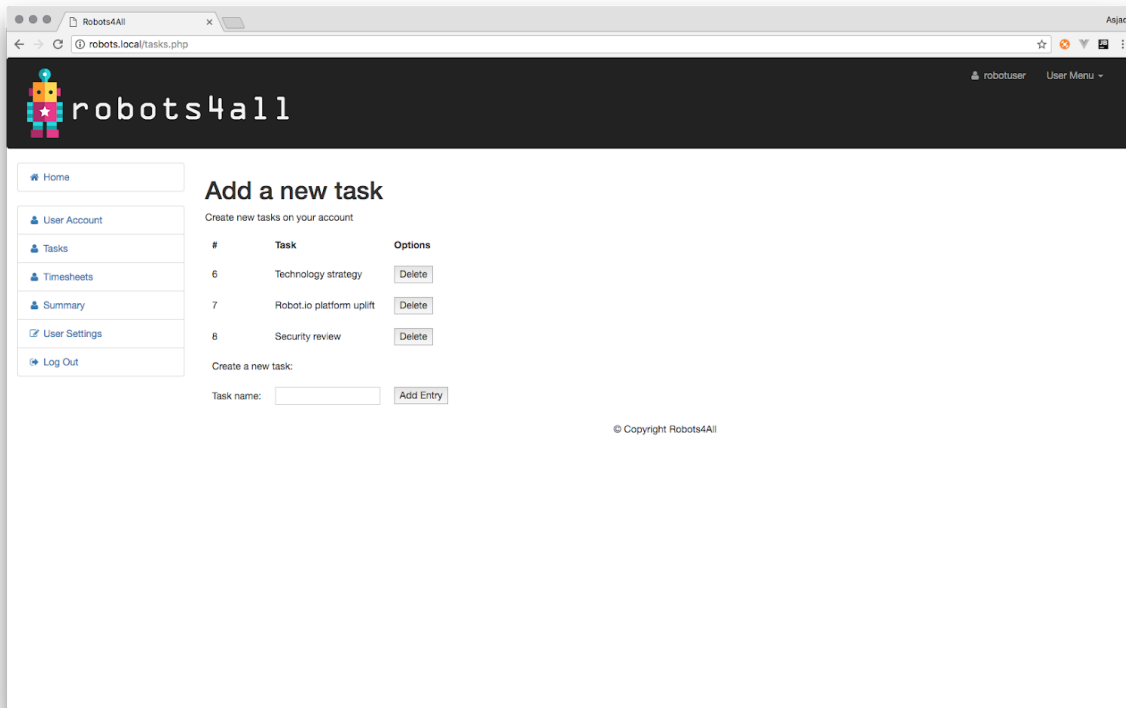
1. A user can login, but reject all other unauthorized users

The platform allows comprehensive user management, login, sign up and forgot password functionalities. By accessing the login page from the index, a user can sign in with the username and password with bot protection enabled.



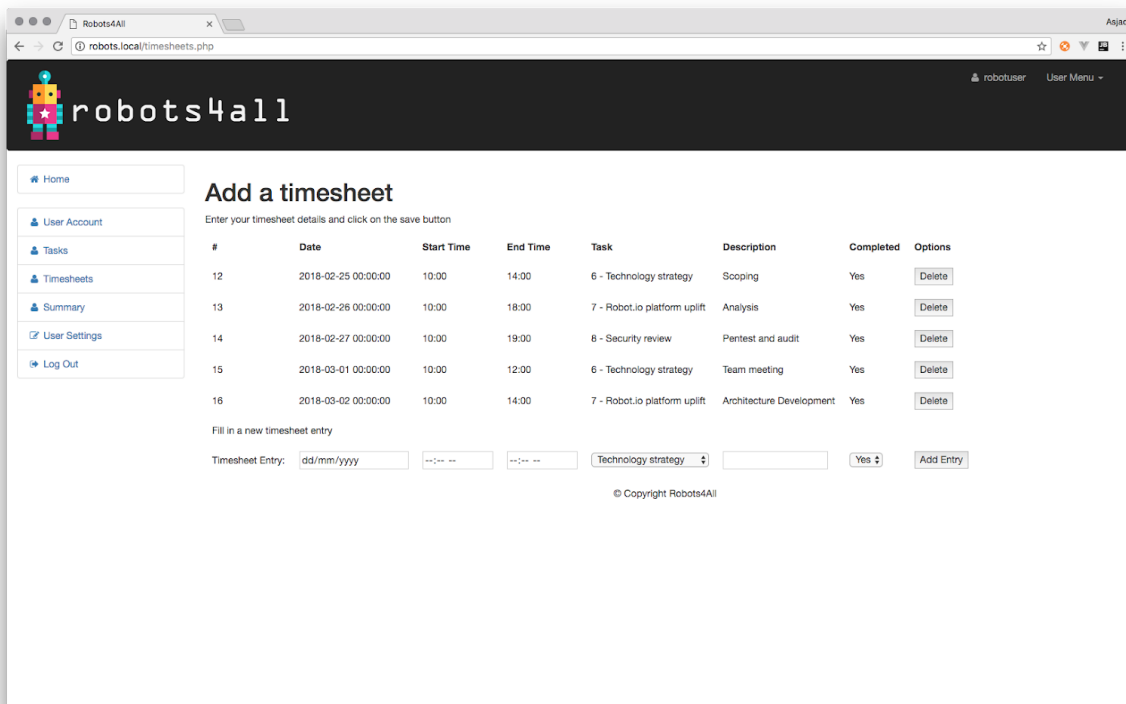
2. A user can create a task

The tasks page on the sidebar is available to authenticated users only. A user can create a task with a task name here, to use in timesheet entries in the future



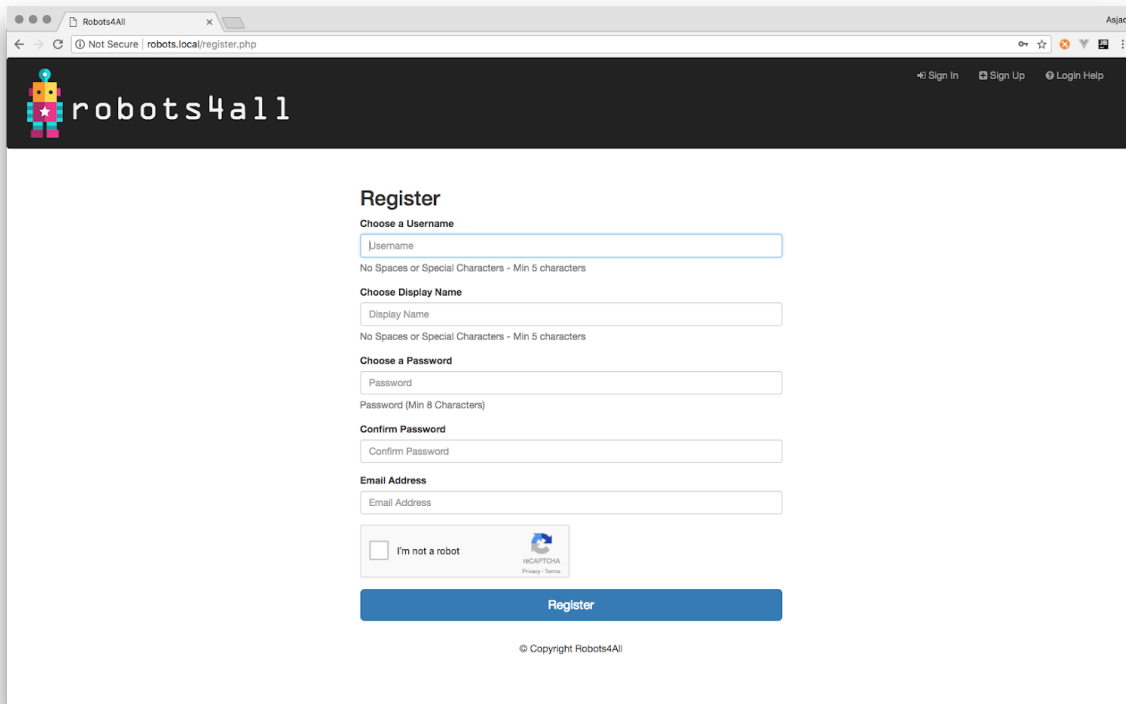
3. A user can allocate time next to a task that they need to perform

A user can create timesheet entries for tasks they're involved in. The date, start & end time, task (chosen from a dropdown), description and completion status can be entered. Entries can also be deleted if required.



4. A user can register other members within the team to enter stats

A user can create user accounts for other users within the team to enter stats using the sign up function.

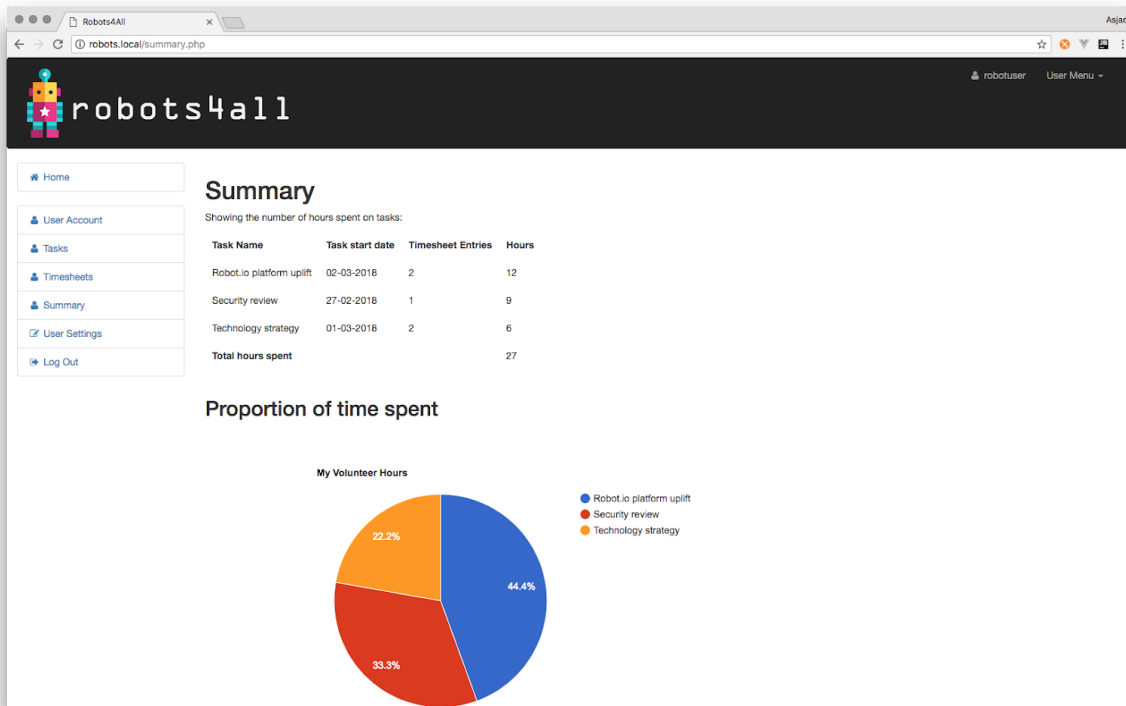


The screenshot shows a web browser window with the address bar displaying "robots.local/register.php". The page has a dark header with the "robots4all" logo on the left and navigation links "Sign In", "Sign Up", and "Login Help" on the right. The main content area is titled "Register" and contains the following form fields:

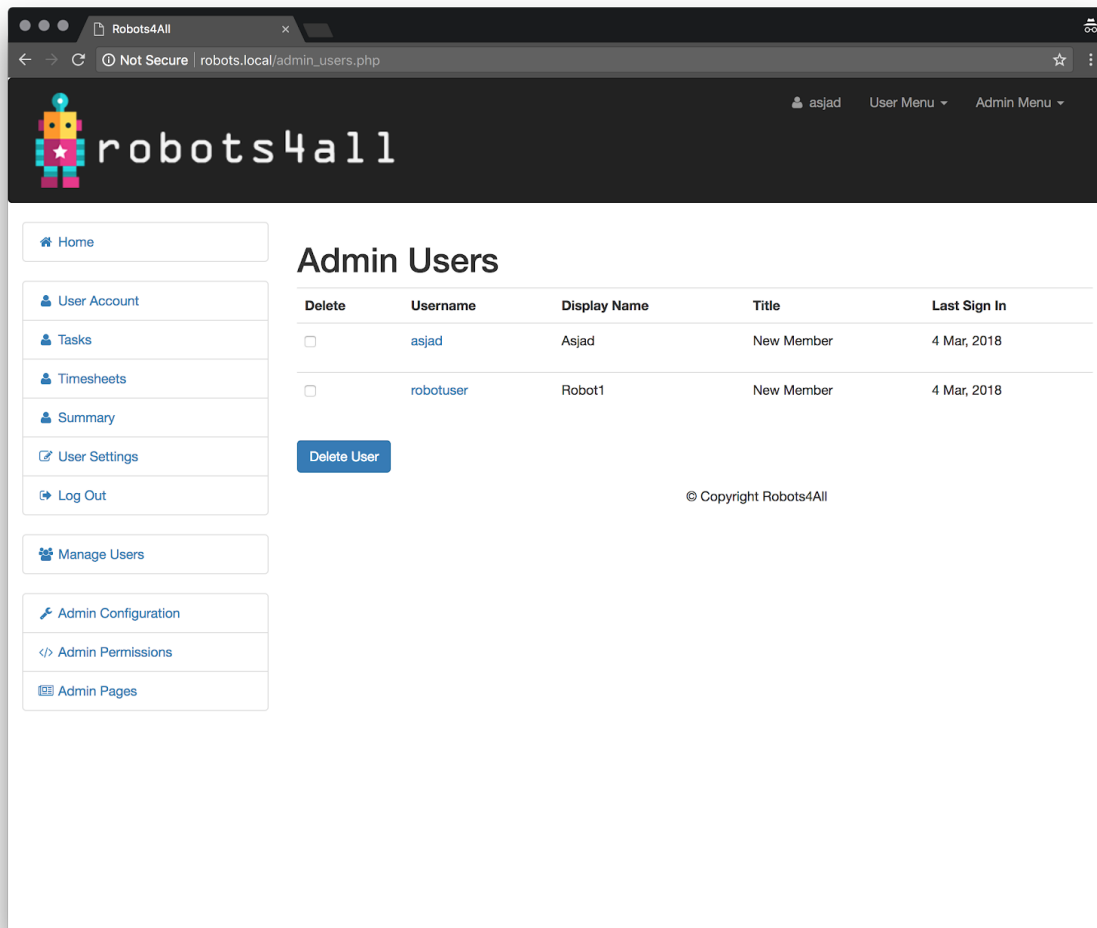
- Choose a Username:** A text input field with a placeholder "Username". Below it, a note reads "No Spaces or Special Characters - Min 5 characters".
- Choose Display Name:** A text input field with a placeholder "Display Name". Below it, a note reads "No Spaces or Special Characters - Min 5 characters".
- Choose a Password:** A text input field with a placeholder "Password". Below it, a note reads "Password (Min 8 Characters)".
- Confirm Password:** A text input field with a placeholder "Confirm Password".
- Email Address:** A text input field with a placeholder "Email Address".

Below the form fields is a checkbox labeled "I'm not a robot" next to a reCAPTCHA logo and the text "reCAPTCHA Privacy Terms". At the bottom of the form is a blue "Register" button. The footer of the page reads "© Copyright Robots4All".

5. A user can see a summary of their stats that they've entered (against each task and in total)



Administration functionality includes:



Managing users on the system

Robots4All

Not Secure | robots.local/admin_configuration.php

asjad User Menu Admin Menu

robots4all

Home

User Account

Tasks

Timesheets

Summary

User Settings

Log Out

Manage Users

Admin Configuration

Admin Permissions

Admin Pages

Admin Configuration

Website Name:

Robots4All

Website URL: MUST end with a /

robots.local/

Email:

noreply@robots.com

Activation Threshold:

0

Language:

models/languages/en.php

Email Activation:

False

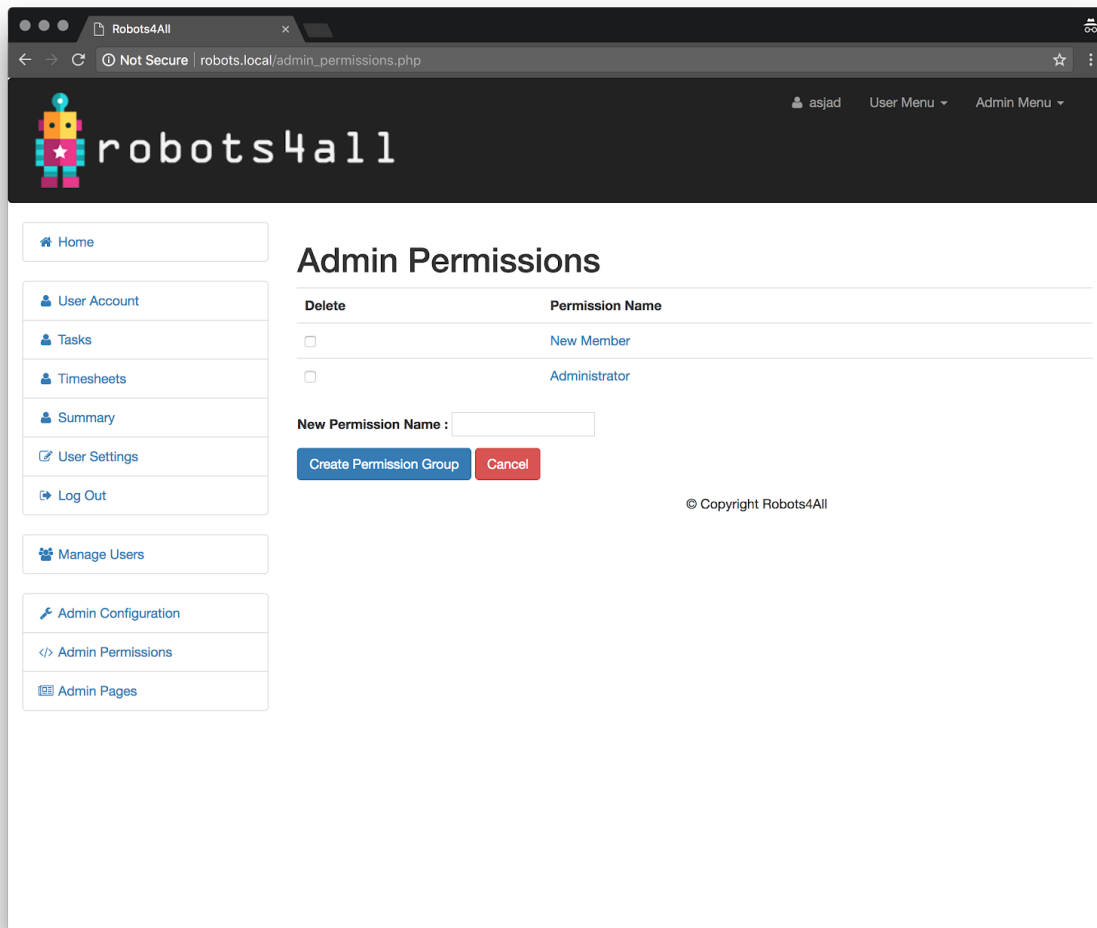
Template:

css/bootstrap.min.css

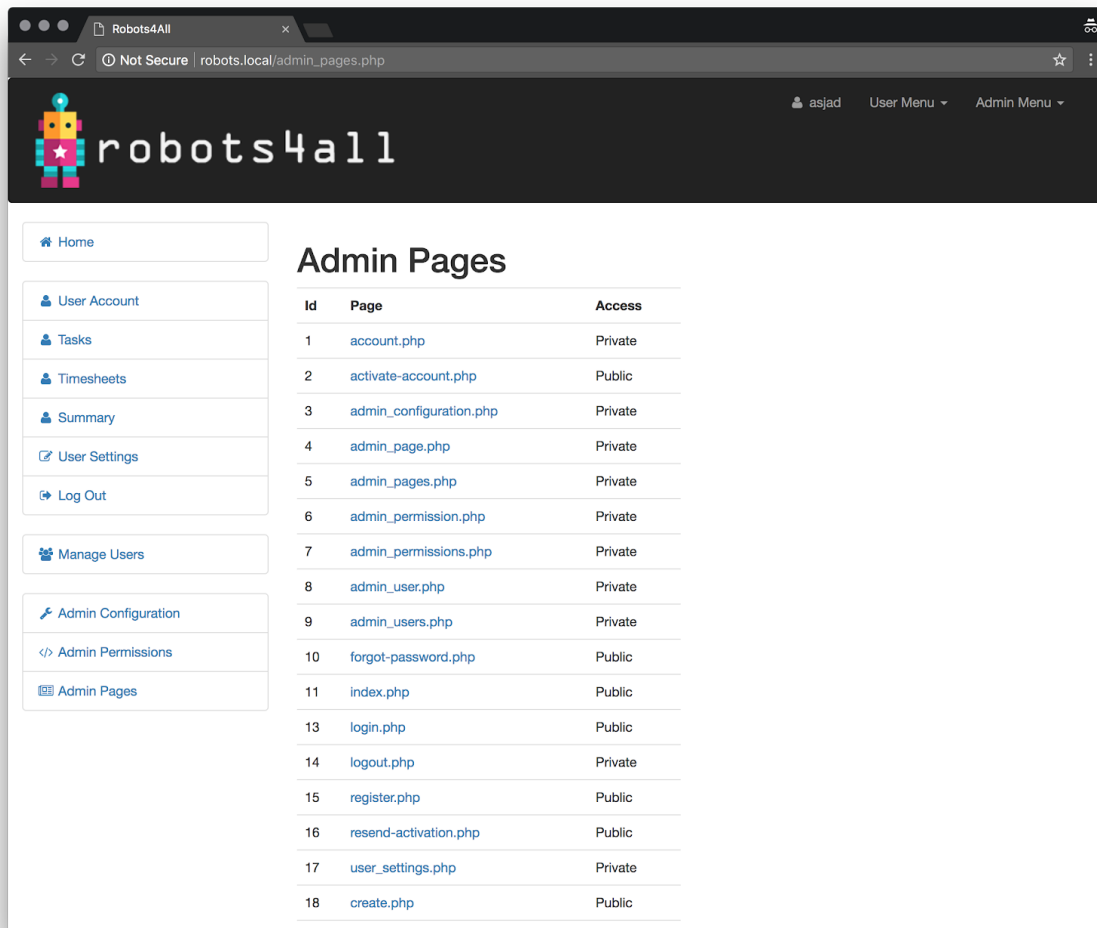
Update Configuration Cancel

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Configuring platform and site parameters



Create different permissions, views and roles on the platform



Control visibility for admin/non admin and non authenticated users on the platform

Robots4All

Not Secure | robots.local/admin_permission.php?id=1

asjad User Menu Admin Menu

robots4all

- Home
- User Account
- Tasks
- Timesheets
- Summary
- User Settings
- Log Out
- Manage Users
- Admin Configuration
- Admin Permissions
- Admin Pages

Admin Permissions

Permission Information

ID: 1

Name:

Delete: ☐

Permission Membership

Remove Members:

- ☐ Asjad
- ☐ Robot1

Add Members:

Permission Access

Public Access:

- activate-account.php
- forgot-password.php
- index.php
- login.php
- register.php
- resend-activation.php
- create.php

Remove Access:

- ☐ account.php
- ☐ logout.php
- ☐ user_settings.php
- ☐ timesheets.php
- ☐ tasks.php
- ☐ summary.php

Add Access:

- ☐ admin_configuration.php
- ☐ admin_page.php
- ☐ admin_pages.php
- ☐ admin_permission.php
- ☐ admin_permissions.php
- ☐ admin_user.php
- ☐ admin_users.php

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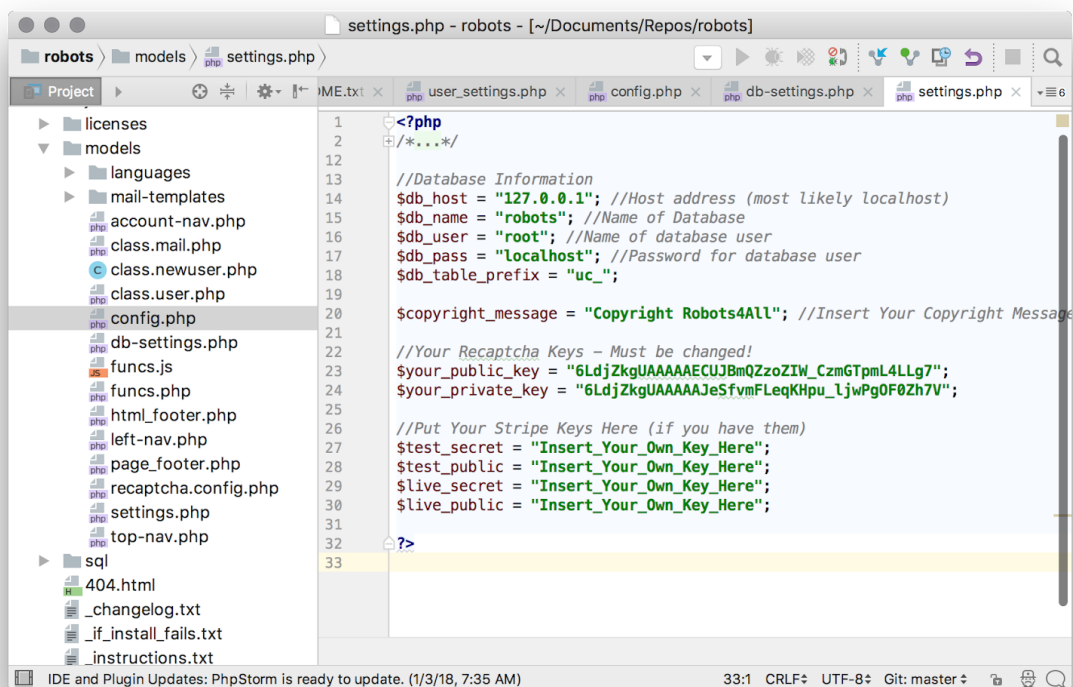
Steps to deploy code:

The application runs without any additional dependencies on a typical PHP enabled web server

Copy the root web application folder into your web application root directory on a LAMP or LEMP server.

Follow the instructions here to setup a [LAMP](#) or [LEMP](#) stack

Configure the database details on the file models/settings.php



The application will now be accessible on your server host.