TimeWise Web Application

Software Requirements

1. Introduction

1.1. Purpose

The objective of this document is to provide a description of the **TimeWise application** (also referred to as **The App**). It will present an overview of the key functionalities.

1.2. Scope

This document includes high-level descriptions of the **basic functionalities of The App**, such as user registration, login, profile editing, task creation and management. It does not cover any special user (Administrator) functionalities.

2. Overall Description

2.1. System environment

TimeWise can be reached online and is designed for people who want to manage their time better. **The App** is available on the **following url**:

http://timewise2-env.eba-mkmm3jwy.eu-north-1.elasticbeanstalk.com/
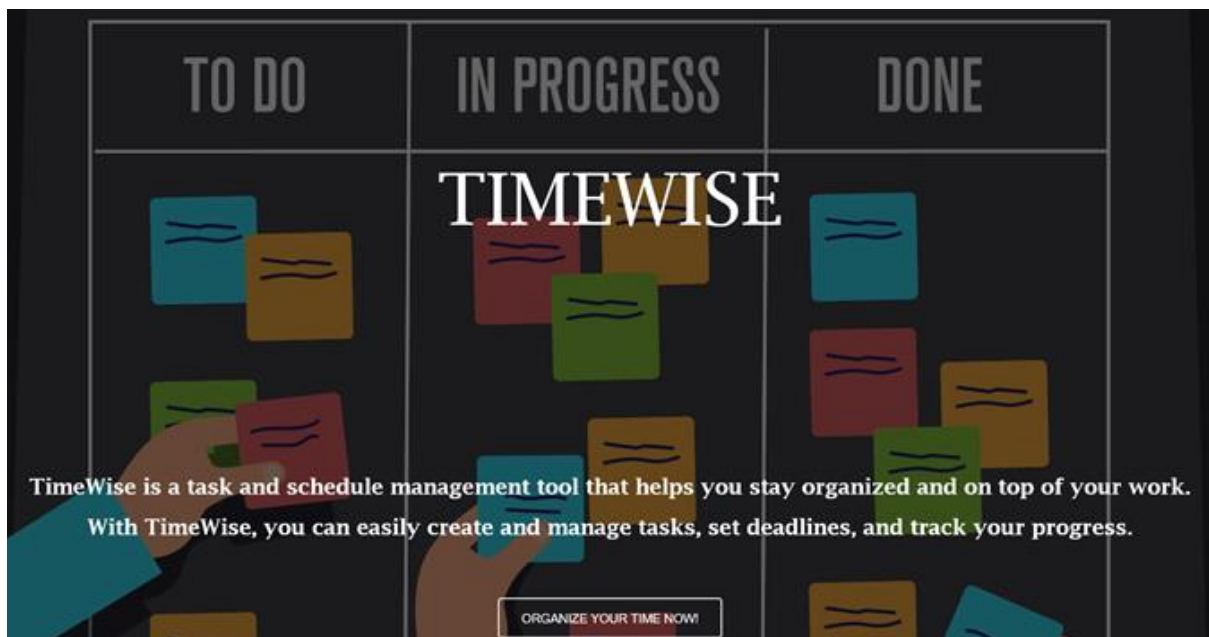
2.2. Key Features

2.2.1. Landing page

The Landing Page is **simple and focused** on getting visitors to **Login** or **Register**. The Landing Page is scrollable and includes the following:

Title and Description: The Landing Page starts with a title that says "**TIMEWISE**". Below it, there's a text explaining what TimeWise is all about: "TimeWise is a task and schedule management tool that helps you stay organized and on top of your work. With TimeWise, you can easily create and manage tasks, set deadlines, and track your progress."

"Optimize Your Time Now!" Button: Upon clicking the button, it leads to the **Register / Login** page, making it easy for new visitors to join and start using TimeWise.

Inspirational Video Link: Below, there's a link to a YouTube video titled **"10 Time Management Tips to Boost Your Productivity"**. This video opens in a new tab and offers useful advice for managing time effectively.

Footer: Copyright Information

The footer of the Landing page bears the copyright notice: **"© 2023 Copyright: TimeWise",** indicating the ownership and protection of intellectual property.

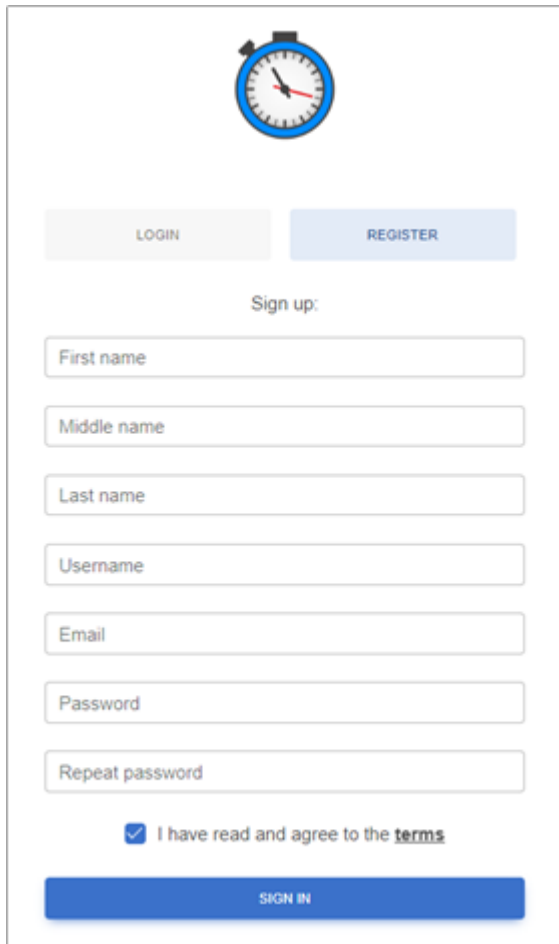**TimeWise part of the text is clickable** and it leads to **Terms of Service page**.

These **Terms of Service ("Terms")** govern your access to and use of our services, including but not limited to our website, mobile applications, and any other platform or technology provided by us (collectively referred to as the "Service"). By accessing or using the Service, you agree to be bound by these Terms.

2.2.2. Register / Login Page

The Register / Login Page is accessed by clicking on **"Optimize Your Time Now!" Button on the Landing page**. Two buttons are present here **LOGIN** and **REGISTER**, and by clicking them the user is taken to the corresponding functionality.

a. Register

Upon clicking the **"Optimize Your Time Now!" Button,** by default the Register form is loaded.

It contains **form fields** for entering the following data: **First name**, **Middle name**, **Last name**, **Username**, **Pasword**, **Repeat password**. The form also includes a checkbox for agreeing to the **Terms of service**, a **hyperlink** leading to the **Terms of service page** (The word "terms" is underlined and clickable) and a **Sign In button** to **submit** the form. The acceptable **requirements for each field are specified** as follows:

First name: A 2-40 character field.

Middle name: A character field, with max length of 40 characters.

Last name: A 2-40 character field.

Username: A 3-55 character field. Unique.

Email: Requires a valid email, 6-120 characters long. Unique.

Password: Any characters are acceptable, with a length of 6-30 characters.
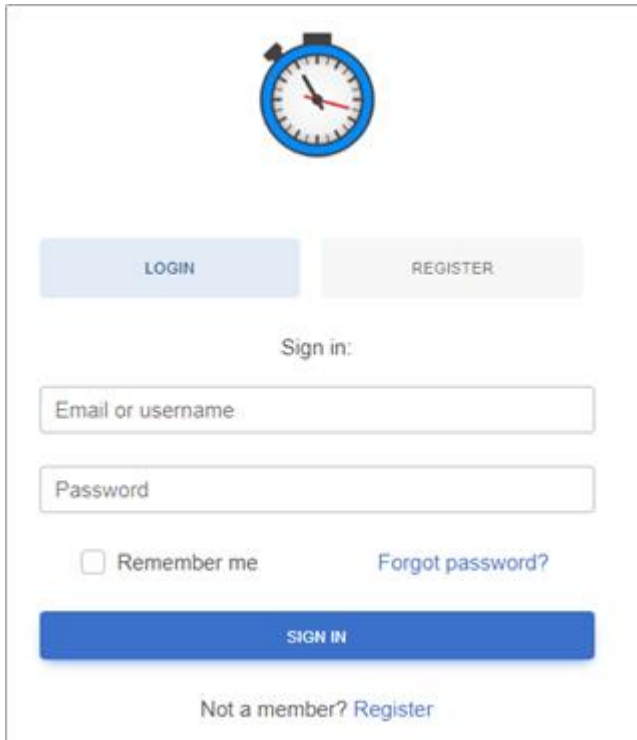
Repeat Password: Must match password.

b. Login

Accessible by clicking the Login button on **The Register / Login Page.**

The Login form provides fields for **Username** or **Email** (either is acceptable) and **Password**, as well as a **Remember me** checkbox and **Forgot password** option, also a **Sign In button**.

Forgot Password functionality leads to a **Restore password page**, where the password can be restored by **verified email**.

There are **two options** to **switch** to **Register** form: by the respective **button** and by the **hyperlink** at the bottom.

2.2.3. Home Page

When a user logs in, they are taken to the **Home Page.** It contains a navigation bar (also referred to as Navbar) on top, with **TimeWise Home Page link** on the left and **User Profile Icon on the right**. When clicked, **User Profile Icon** reveals a dropdown menu with two options: **My profile** and **Edit**.

The **Sidebar Menu** is another component of the Home Page. It is located on the left, below the **TimeWise Home Page link**. It features the following options:

- **To-Do (+)**
- **In Progress**
- **Done**
- **Logout**

The Home Page of TimeWise is scrollable and designed to enhance productivity by helping users manage their tasks effectively. It features three key sections, each with a motivational phrase, a brief description, and an appropriate picture: **Task Creation & To-Do List**, **Task in Progress** and **Done Your Task.**

Task Creation & To-Do List ✅

Easily create and manage tasks with our user-friendly interface. Organize your day, set priorities, and mark tasks as "To-Do" to keep track of your pending assignments. 👉

Work in Progress

Task in Progress 🚀

Stay productive and focused with a dedicated section for tasks currently in progress. Update their status in real-time, track your progress, and watch your to-do list shrink. ⏳
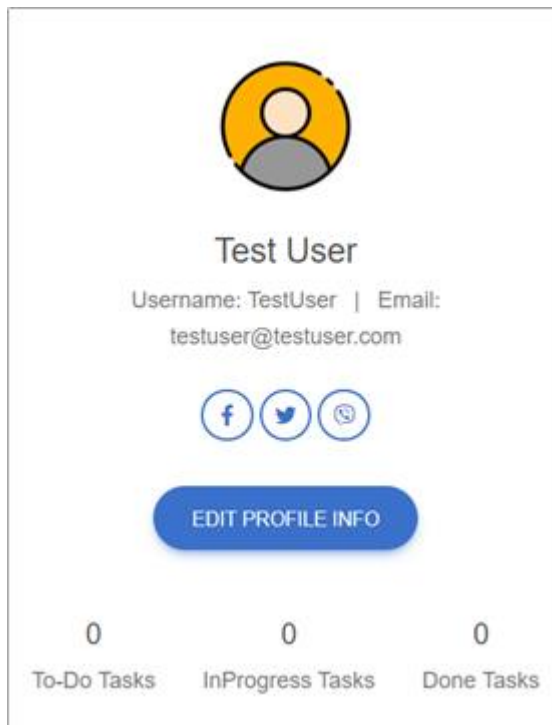

Done Your Task 🎯

The "Done Your Task" section is your go-to place for completed tasks and projects. Celebrate your accomplishments, maintain a sense of achievement, and get ready for new challenges. 🧑 ✨
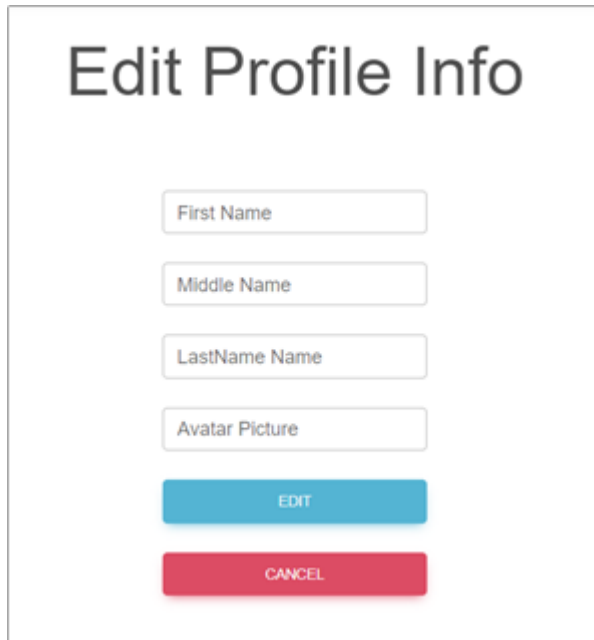
2.2.4. Profile Page

This page is accessible for logged users **from the Navbar, top-right Profile Icon drop-down menu**. This page features a **user's avatar, first name, last name, username, and email**, with options **to link social media accounts**. Users can **edit** their profile via the **blue button** and **view their task counters**—**To-Do, InProgress, and Done**—which start at zero, indicating the beginning of task management activities.

2.2.5. Edit Profile Info Page

Accessible from **Edit Profile Info button** on **Profile page** and **from the Navbar, top-right Profile Icon drop-down menu.** This page allows users to **edit their profile information**, including: **First Name, Middle Name,** and **Last Name.** For the **Avatar Picture**, a **valid URL** must be provided since **direct uploads are not supported** (for example http://......jpg). Changes are submitted with the **"EDIT"** button or discarded by selecting **"CANCEL".**
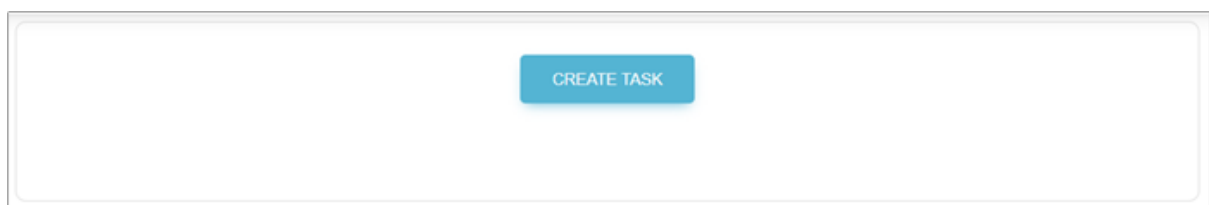
Upon clicking on **EDIT button**, it redirects to My Profile page, where the newly provided information is visible.

2.2.6. To-Do, InProgress and Done boards

All Boards are accessible from the sidebar menu and share the same behaviour: empty by default and when a task is created it goes directly to the corresponding board, depending on it's status.

The "To-do" page, has an exeption, since it is the place for creating a new tasks. Users are greeted with a prominent **"CREATE TASK"** button centered in the top of the workspace, inviting them to add new tasks to their list.
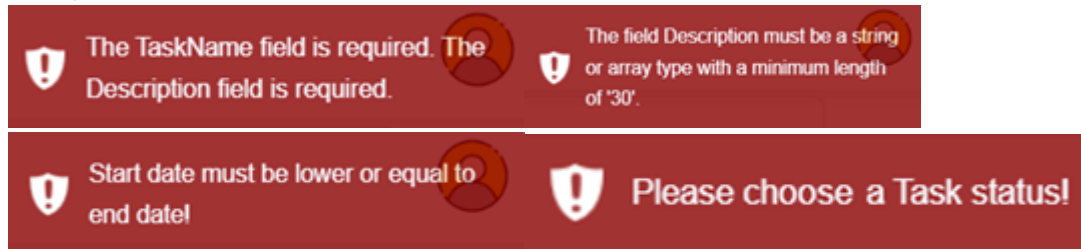

2.2.7. Create New Task

Available after clicking **Create Task button on To-Do board** and contains the following: **TaskName** field (min. 5 characters - max. 30 characters length), **Description** field (min. 30 characters - max. 256 characters length), **Start Date field** (must be a valid

date), **End Date** field (must be a valid date after the Start Date) , **Select Status** field, **CREATE** and **CANCEL buttons**.

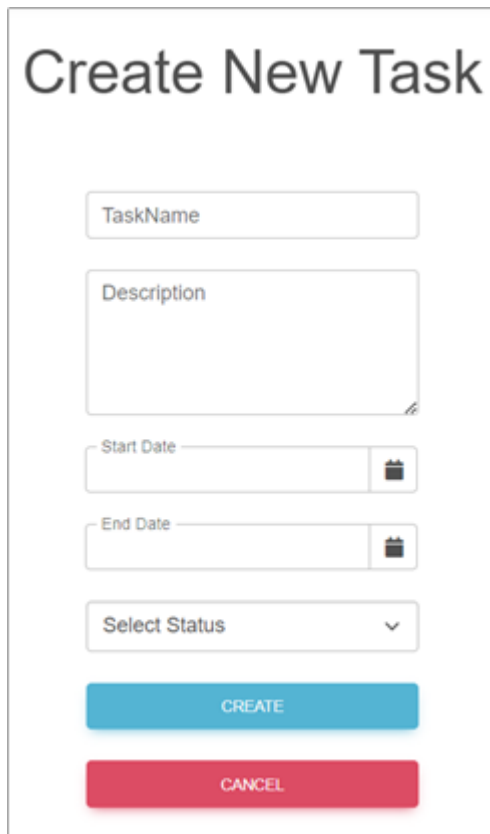All fields are mandatory and an error message is displayed if not entered correctly, for example:

The newly created task is visible on the **corresponding board page**, depending on its status.

2.2.8. Task View and Edit

Each Task, regardless of its current status board (To-do, In Progress, or Done) appears the same. It includes the following.

Status Indicator: The task card displays a label at the top, indicating its current status which aligns with the board it is located on:
- **"New"** for tasks on the "To-do" board;
- **"In Progress"** for tasks that have been moved to the "In Progress" board;
- **"Done"** for tasks that are on the "Done" board.

The main body of the card shows the task's name and provides a brief summary.

Action Buttons: A **Central Button,** such as "SET TO 'IN PROGRESS' STATUS", **allows the user to change the task's status, which will move the task to the corresponding board. The button's label changes depending on the current board.**

New

Test Task To-Do

This is a test task description.

SET TO "IN PROGRESS" STATUS

EDIT   DELETE

Start date: 14-11-2023 01:20

End date: 15-11-2023 01:20

Created on: 13-11-2023 01:21 by **Test User**

InProgress

Test Task 2

This is a Test Task InProgress

SET TO "DONE" STATUS

EDIT   DELETE

Start date: 20-11-2023 08:06

End date: 21-11-2023 08:06

Created on: 19-11-2023 08:06 by **Test User**

Done

Test Task 3

This is a Test Task that is Done

EDIT   DELETE

Start date: 20-11-2023 08:06

End date: 21-11-2023 08:06

Created on: 19-11-2023 08:06 by **Test User**

"EDIT" and "DELETE" buttons enable the user to modify the task's details or remove the task from the board entirely.

TimeWise Web Application

You are provided with a web application, **Time Wise**, along with a specification of the requirements. The primary objective of the exam is to ensure the App functions work as expected according to the provided use cases. This involves **creating test cases for each of the USE CASES**. It also includes the **detection and detailed documentation of any identified bugs**. You have to document all your work in the provided **Test Management and Bug Tracker Template**.

Software Requirements

1. Introduction

1.1. Purpose

The objective of this document is to provide a description of the **TimeWise application** (also referred to as **The App**). It will present an overview of the key functionalities.

1.2. Scope

This document includes high-level descriptions of the **basic functionalities of The App**, such as user registration, login, profile editing, task creation and management. It does not cover any special user (Administrator) functionalities.

2. Overall Description

2.1. System environment

TimeWise can be reached online and is designed for people who want to manage their time better. **The App** is available on the **following url**:

http://timewise2-env.eba-mkmm3jwy.eu-north-1.elasticbeanstalk.com/

2.2. Key Features

2.2.1. Landing page

The Landing Page is **simple and focused** on getting visitors to **Login** or **Register**. The Landing Page is scrollable and includes the following:

Title and Description: The Landing Page starts with a title that says "**TIMEWISE**". Below it, there's a text explaining what TimeWise is all about: "TimeWise is a task and schedule management tool that helps you stay organized and on top of your work. With TimeWise, you can easily create and manage tasks, set deadlines, and track your progress."

"Optimize Your Time Now!" Button: Upon clicking the button, it leads to the **Register / Login** page, making it easy for new visitors to join and start using TimeWise.

Inspirational Video Link: Below, there's a link to a YouTube video titled **"10 Time Management Tips to Boost Your Productivity"**. This video opens in a new tab and offers useful advice for managing time effectively.

The footer of the Landing page bears the copyright notice: **"© 2023 Copyright: TimeWise",** indicating the ownership and protection of intellectual property.
TimeWise part of the text is clickable and it leads to **Terms of Service page**.

2.2.2. Register / Login Page

The Register / Login Page is accessed by clicking on **"Optimize Your Time Now!" Button on the Landing page**. Two buttons are present here **LOGIN** and **REGISTER**, and by clicking them the user is taken to the corresponding functionality.

a. Register

Upon clicking the **"Optimize Your Time Now!" Button,** by default the Register form is loaded.
It contains **form fields** for entering the following data: **First name**, **Middle name**, **Last name**, **Username**, **Pasword**, **Repeat password**. The form also includes a checkbox for agreeing to the **Terms of service**, a **hyperlink** leading to the **Terms of service page** (The word "terms" is underlined and clickable) and a **Sign In button** to **submit** the form. The acceptable **requirements for each field are specified** as follows:
First name: A 2-40 character field.
Middle name: A character field, with max length of 40 characters.
Last name: A 2-40 character field.
Username: A 3-55 character field. Unique.
Email: Requires a valid email, 6-120 characters long. Unique.
Password: Any characters are acceptable, with a length of 6-30 characters.
Repeat Password: Must match password.

b. Login

Accessible by clicking the Login button on **The Register / Login Page.**
The Login form provides fields for **Username** or **Email** (either is acceptable) and **Password**, as well as a **Remember me** checkbox and **Forgot password** option, also a **Sign In button**.
Forgot Password functionality leads to a **Restore password page**, where the password can be restored by **verified email**.
There are **two options** to **switch** to **Register** form: by the respective **button** and by the **hyperlink** at the bottom.

2.2.3. Home Page

When a user logs in, they are taken to the **Home Page.** It contains a navigation bar (also referred to as Navbar) on top, with **TimeWise Home Page link** on the left and **User Profile Icon on the right**. When clicked, **User Profile Icon** reveals a dropdown menu with two options: **My profile** and **Edit**.

The **Sidebar Menu** is another component of the Home Page. It is located on the left, below the **TimeWise Home Page link**. It features the following options:
- **To-Do (+)**
- **In Progress**
- **Done**
- **Logout**

The Home Page of TimeWise is scrollable and designed to enhance productivity by helping users manage their tasks effectively. It features three key sections, each with a motivational phrase, a brief description, and an appropriate picture: **Task Creation & To-Do List**, **Task in Progress** and **Done Your Task.**

2.2.4. Profile Page

This page is accessible for logged users **from the Navbar, top-right Profile Icon drop-down menu**. This page features a **user's avatar, first name, last name, username, and email**, with options **to link social media accounts**. Users can **edit** their profile via the **blue button** and **view their task counters**—**To-Do, InProgress, and Done**—which start at zero, indicating the beginning of task management activities.

2.2.5. Edit Profile Info Page

Accessible from **Edit Profile Info button** on **Profile page** and **from the Navbar, top-right Profile Icon drop-down menu.** This page allows users to **edit their profile information**, including: **First Name, Middle Name,** and **Last Name.** For the **Avatar Picture**, a **valid URL** must be provided since **direct uploads are not supported** (for example http://......jpg). Changes are submitted with the **"EDIT"** button or discarded by selecting **"CANCEL".**
Upon clicking on **EDIT button**, it redirects to My Profile page, where the newly provided information is visible.

2.2.6. To-Do, InProgress and Done boards

All Boards are accessible from the sidebar menu and share the same behaviour: empty by default and when a task is created it goes directly to the corresponding board, depending on it's status.

The "To-do" page, has an exception, since it is the place for creating a new tasks. Users are greeted with a prominent **"CREATE TASK"** button centered in the top of the workspace, inviting them to add new tasks to their list.

2.2.7. Create New Task

Available after clicking **Create Task button on To-Do board** and contains the following: **TaskName** field (min. 5 characters - max. 30 characters length), **Description** field (min. 30 characters - max. 256 characters length), **Start Date field** (must be a valid date), **End Date** field (must be a valid date after the Start Date) , **Select Status** field, **CREATE** and **CANCEL buttons**.

All fields are mandatory and an error message is displayed if not entered correctly, for example:

The newly created task is visible on the **corresponding board page**, depending on it status.

2.2.8. Task View and Edit

Each Task, regardless of its current status board (To-do, In Progress, or Done) appears the same. It includes the following.

Status Indicator: The task card displays a label at the top, indicating its current status which aligns with the board it is located on:
- **"New"** for tasks on the "To-do" board;
- **"In Progress"** for tasks that have been moved to the "In Progress" board;
- **"Done"** for tasks that are on the "Done" board.

The main body of the card shows the task's name and provides a brief summary.

Action Buttons: A **Central Button,** such as "SET TO 'IN PROGRESS' STATUS", **allows the user to change the task's status, which will move the task to the corresponding board. The button's label changes depending on the current board.**

"EDIT" and "DELETE" buttons enable the user to modify the task's details or remove the task from the board entirely.