

## Team TechGirls: WasteWiseWeb

### Features

- Used technologies: Java with SpringBoot (backend), React Native(frontend), PostgreSQL and PgAdmin(database).
- Requests:
  - Intro page:
    - Logo
    - Visuals or graphics that engage users and illustrate the recycling process or app functionality.
    - A clear value proposition that explains what the application does and its benefits for users and the environment.
    - "Get Started" button to facilitate user interaction. When you press "Get Started," the site could present you with the option to register either as a regular user or as a "collector" - essentially a driver who picks up recyclable products and takes them for recycling.
    - "Team" button. Clicking the button would lead users to a dedicated section showcasing your development team, their roles, photos, and brief bios, emphasizing the human element behind the project.
    - Footer for contact information or a way to reach out for more details or support.

#### Navbar:

- "Get Started" button to facilitate user interaction. When you press "Get Started," the site could present you with the option to register either as a regular user or as a "collector" - essentially a driver who picks up recyclable products and takes them for recycling.
- "Team" button. Clicking the button would lead users to a dedicated section showcasing your development team, their roles, photos, and brief bios, emphasizing the human element behind the project.
- Logo - always redirecting you to the intro page.

#### Get Started:

- Navbar
- Footer
- For the "Get Started" section: the login process should be streamlined and identical for both regular users and collectors, emphasizing ease of use and accessibility. However, the signup process diverges, offering tailored experiences for registering as a collector or a regular user. Admins have the capability to log in through either path using specific credentials, maintaining a seamless administrative oversight.

#### Interfaces:

- Three distinct interfaces catered to different user roles—admin, regular user, and collector.

-Admin: you'd have the ability to oversee all accounts, enabling you to delete or manage them as needed. Additionally, you could contribute content by adding articles and have the authority to add, modify, or delete sections dedicated to recyclable products and their pricing, such as paper, cans, bottles, and metal. This comprehensive control ensures the platform remains up-to-date and aligned with recycling standards and market values. You have the capabilities to manage recycling points on the map within the application. This includes adding new recycling locations, modifying details about existing ones (such as their addresses, types of recyclables accepted, operating hours), and deleting locations that are no longer operational or relevant.

Regular user: you have the ability to view recycling points on a map for personal recycling efforts. You can also request a collector for pickup of your recyclable items by selecting the quantity you wish to recycle, which in turn provides you with the cost estimate for the service.

Collector: you can view requested pickups and select assignments. After choosing a pickup, you go to the location, collect the recyclables, and then take them to the designated recycling point. The payment for the service rendered is yours to keep.