

# Technical Documentation

## Team Ewamon

The logo consists of the words "FORYOU" in a bold, white, sans-serif font. The letters are closely spaced and set against a solid dark teal rectangular background.

**Product Name:** For You

**Team members:** Laila Alhasan, Yasin el Bouazzati, Mohaned Al-jabori

**Student numbers:** 500817249, 500847959, 500850970

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# Introduction, Product Vision & Formatting

## Introduction

Our platform is dedicated to streamlining access to essential services within your community. Think of it as a virtual marketplace tailored specifically for finding and connecting with service providers nearby. Whether you need a plumber, a tutor, or a dog walker, our platform makes it easy to discover and engage with local professionals who can help you out.

But it's not just about the transactions; it's about building trust and relationships with those in your neighborhood. We believe in the power of local connections, whether it's finding a reliable handyman or recommending a trusted babysitter. Our platform fosters a sense of community by facilitating these interactions and making it simple for neighbors to support one another.

By focusing solely on services and keeping things local, we're committed to making life a little easier for everyone involved. We're not trying to revolutionize the world of commerce; we're just here to make accessing services in your neighborhood more convenient and neighborly. Join us in simplifying local living, one service at a time.

## Product Vision

Our platform aims to revolutionize the way individuals connect and transact for small-scale services and products within their local communities. We envision a vibrant marketplace that fosters community engagement, empowers users to efficiently find and offer services, and supports local economies.

Through our user-friendly interface and diverse service offerings, we strive to create a seamless experience where users can easily post tasks or pick up jobs that match their skills and interests. Our platform will serve as a hub for neighborly interactions, enabling users to connect, transact, and contribute to the community.

### Key elements of our Product Vision:

**Empowering Connections:** We envision a platform that brings people together, allowing them to find the services they need and offer their skills to others. By facilitating effortless transactions, we aim to strengthen local networks and foster meaningful relationships.

**Variety and Flexibility:** Our platform will offer a wide range of services and product listings, catering to diverse needs and preferences. Users will have the freedom to explore, compare, and select the best options that align with their requirements.

**Community-Centric Approach:** We are committed to promoting community engagement and supporting local economies. Our platform encourages collaboration, trust, and mutual benefit among users, creating a positive impact on neighborhoods and small businesses.

**User-Centric Design:** With a focus on user experience, we aim to provide intuitive features such as task management, review systems, and personalized recommendations. Our goal is to ensure that every interaction on our platform is efficient, transparent, and rewarding.

**Continuous Improvement:** We are dedicated to evolving our platform based on user feedback and emerging trends. By leveraging modern technologies like React, Typescript, Spring Boot, and Docker, we strive to build a robust, scalable, and secure environment for seamless interactions.

## Formatting Guidelines

To maintain clarity and consistency throughout the documentation, code and visuals we adhere to the following formatting guidelines:

### Graphics and Visual Aids:

- Incorporate diagrams, charts, and images where appropriate to illustrate concepts or data.
- Clearly label and reference all visual aids within the text.
- Stick to a consistent font type, size, and color scheme.

### Code and Syntax:

- Make use of the camelCase code convention.
- Provide clear explanations and comments alongside complex code.

### Git

- Create branches according to GitLab Ticket issue's and Id's.
- Don't push to main/develop directly without a good reason.
- Make use merge requests.

### Testing

- Write tests for relevant pieces of code/methods.
- Fix code smells when SonarQube finds them.

## Drivers

### Functional requirements

ID	User Story	Description	Priority
(#20)	As a user, I want to be able to create an account so I can upload or look for a job.	User Account Management	Must have
(#19, #2)	As an advertiser, I want to have the ability to upload a job that I want someone to do for a price so that I don't have to do them myself.	Task Creation and Management	Must have
(#24)	As a worker, I want to be able to search for tasks based on specific categories so that I can quickly find and apply for tasks that match my skills and interests.	Task Search and Filtering	Must have
(#17)	As an advertiser, I want to receive an email notification when I receive an offer on my task so that I can stay informed about new offers without having to actively check the platform.	Email Notifications	Should have

To be made	As a user, I want to be able to add a review for a worker to share my experience with him/her so that I can provide feedback to other users and help them make informed decisions when choosing a worker.	Review and Feedback	Should have
To be made	As a user (Advertiser, worker) filling out my address, I want to have the address field automatically populated when I provide the street and house number so that I can save time and ensure accuracy in entering my address details.	Address Auto-population	Could have
To be made	As a worker, I want to be able to add a task to my wishlist so that I can save interesting tasks for future reference or consideration.	Task Wishlist	Could have
To be made	As a developer, I want to implement a feature that automatically deletes a user's task if no one shows interest within a specified timeframe so that the platform can efficiently manage and remove inactive	Automatic Task Deletion	Could have

	tasks, maintaining a relevant and up-to-date task list.		
To be made	As a user, I want to be able to recover my account if I forget my password, so that I can regain access to my account.	Password Recovery	Must have
To be made	As a user, I want to be able to reply to advertisements so that we can negotiate a price and meeting point, etc.	Task Reply and Negotiation	Could have
To be made	As a user I want to be able to hide certain services/tasks if I am not interested in them.	Task Hiding	Could have

## Use Cases

ID	User Story	Description	Priority
(#20, #3)	As an advertiser, I want to have the ability to upload a job that I want someone to do for a price so that I don't have to do them myself.	Advertiser creates a new task listing.	Advertiser
(#25, #21, #22)	As a worker, I want to be able to search for tasks based on specific categories so that I can quickly	Worker searches and filters tasks by categories.	Worker

	find and apply for tasks that match my skills and interests.		
To be made	As a worker, I want to be able to add a task to my wishlist so that I can save interesting tasks for future reference or consideration.	Worker adds a task to their wishlist.	Worker
To be made	As an advertiser, I want to have the ability to delete a task that I have uploaded once I am done with it so that I can manage my task list and keep it organized by removing completed or no longer relevant tasks.	Advertiser deletes a task from their task list.	Advertiser
To be made	As a user, I want to be able to add a review for a worker to share my experience with him/her so that I can provide feedback to other users and help them make informed decisions when choosing a worker.	User submits a review for a worker.	Advertiser
(#1, #11)	As a user, I want to be able to create an account so I can upload or look for a job.	User manages their account (profile, password recovery, etc.).	Advertiser & Worker



## Non Functional

ID	User Story	Description	Priority
To be made	As a user, I want the website design to be appealing so that I'll have a good time using it.	User sees an appealing design.	Must have
To be made	As a user I want to experience a fast loading website so that I won't be waiting for data.	Preformance	Must have
(#16)	As a user I want to be sure that my data is protected so I won't feel unsafe when using the website.	Our policy will state how we handle user data.	Must have
(#14)	As a user I want the navigational flow of the website to be logical so that I can easily navigate through the website.	User is able to navigate through the site easily.	Must have
(#18)	As a user I want to see live updates on the website when they happen.	User will see updates right away when something is released.	Must have
To be made	As a user I want the website to be in Dutch, so that I can understand what is said.	User is able to see words in the Dutch language.	Must have

To be made	As a user I don't want to see offensive material in the advertisements.	User will not see offensive content such as curse words etc..	Should have
To be made	As a user I wan't to be able to use the website on multiple devices such as tablet, phone etc.	User will be able to use the website on other devices aswell.	Must have