

# Weekly Progress Report for UXNest Project

**Report Date:** 09.05.2024

**Reporting Period:** 02.05.2024 to 09.05.2024

**Prepared by:** Boran Kuzukıran

## 1. Summary

This week, the UXNest project achieved significant milestones, including the successful completion of the project planning phase and thorough documentation of all requirements. Although there were some minor delays in development, we are making additional efforts to get back on schedule. As we move into more complex phases, we anticipate facing bigger challenges.

## 2. Completed Tasks

### 2.1. Task Description: Project Planning

- **Outcomes:** The project planning phase was successfully completed, resulting in the development of a project roadmap. Key outcomes include the general view of the project scope and identification of milestones.
- **People Responsible:** Emrah Horkar, Gürkan Demirci, Esra Akşit, Doğa Koçak, Umut Mete, Boran Kuzukıran, Murat Can Alan.

### 2.2. Task Description: Assemble Project Team

- **Outcomes:** The team members are established clear roles and responsibilities, ensuring that each member has a defined contribution towards specific deliverables.
- **People Responsible:** Boran Kuzukıran.

### 2.3. Task Description: Prepare Requirement Specification Document

- **Outcomes:** Project roadmap has been finalized. All necessary functional and non-functional requirements have been thoroughly documented. Ensured that the development team has a clear understanding and agreement on what is to be built.
- **People Responsible:** Emrah Horkar, Gürkan Demirci, Esra Akşit, Doğa Koçak, Umut Mete, Boran Kuzukıran, Murat Can Alan.

#### 2.4. Task Description: Create Use Case Diagrams

- **SRS Reference:** Page 21, Section 3.2.1.
- **Outcomes:** Key features, interactions and processes have been illustrated, ensuring that all user actions and system responses are clearly depicted.
- **People Responsible:** Boran Kuzukıran.

#### 2.5. Task Description: Create Test Plan

- **SRS Reference:** Page 28, Section 4.
- **Outcomes:** Outlined the testing strategies, objectives and schedule.
- **People Responsible:** Esra Akşit, Murat Can Alan.

#### 2.6. Task Description: User Interface Design

- **SRS Reference:** Page 12, Section 3.1.
- **Outcome:** Drafted comprehensive wireframes and interactive prototypes for pages of the platform.
- **People Responsible:** Esra Akşit.

#### 2.7. Task Description: Database Schema Design

- **SRS Reference:** Page 22, Section 3.2.2.
- **Outcome:** The initial database schema design for the UXNest platform has been completed. Relationships between tables have been defined with appropriate foreign keys to ensure data integrity. An ER diagram has been created and reviewed, which will serve as a reference for further development and database implementation.
- **People Responsible:** Boran Kuzukıran, Doğa Koçak.

#### 2.8. Task Description: Home Page Development

- **SRS Reference:** Page 21, Section 3.1.1.1.
- **Outcome:** The development of the Home Page has been successfully completed as scheduled. It is now in the testing phase.
- **People Responsible:** Gürkan Demirci.

#### 2.9. Task Description: Server and Database Setup

- **SRS Reference:** Page 11, Section 2.5.5.
- **Outcome:** The server and database were successfully set up and configured. Initial functionality tests were conducted, confirming that the system is operational.
- **People Responsible:** Doğa Koçak, Umut Mete.

### 3. Ongoing Tasks

#### 3.1. Task Description: User Sign Up Page Development

- **SRS Reference:** Page 13, Section 3.1.1.2.
- **Expected Completion Date:** 04.05.2024
- **Current Issues/Challenges:** -
- **People Responsible:** Gürkan Demirci.

#### 3.2. Task Description: Software Owner Sign Up Page Development

- **SRS Reference:** Page 13, Section 3.1.1.3.
- **Expected Completion Date:** 06.05.2024
- **Current Issues/Challenges:** -
- **People Responsible:** Gürkan Demirci.

#### 3.3. Task Description: Software Listing Page Development

- **SRS Reference:** Page 15, Section 3.1.1.7.
- **Expected Completion Date:** 06.05.2024
- **Current Issues/Challenges:** -
- **People Responsible:** Esra Akşit.

#### 3.4. Task Description: Dashboard Development

- **SRS Reference:** Page 16, Section 3.1.1.9.
- **Expected Completion Date:** 05.05.2024
- **Current Issues/Challenges:** -
- **People Responsible:** Emrah Horkar.

#### 3.5. Task Description: Manage Users Page (Admin Panel) Development

- **SRS Reference:** Page 16, Section 3.1.1.10.
- **Expected Completion Date:** 07.05.2024
- **Current Issues/Challenges:** -
- **People Responsible:** Emrah Horkar.

### **3.6. Task Description:** Implement API Endpoints

- **SRS Reference:** Page 16, Section 3.1.1.10.
- **Expected Completion Date:** 06.05.2024
- **Current Issues/Challenges:** -
- **People Responsible:** Doğa Koçak, Umut Mete.

### **3.7. Task Description:** Functional Testing

- **SRS Reference:** Page 16, Section 3.1.1.10.
- **Expected Completion Date:** 19.05.2024
- **Current Issues/Challenges:** -
- **People Responsible:** Murat Can Alan.

## **4. Planned Tasks for Next Week**

In addition to ongoing tasks, here are the tasks that are planned to be initiated.

### **4.1. Task Description:** User Login Page

- **SRS Reference:** Page 16, Section 3.1.1.10.
- **Planned Start Date:** 08.05.2024
- **Dependencies:** -
- **People Responsible:** Gürkan Demirci.

### **4.2. Task Description:** Blog Page

- **SRS Reference:** Page 16, Section 3.1.1.10.
- **Planned Start Date:** 08.05.2024
- **Dependencies:** -
- **People Responsible:** Esra Akşit.

### **4.3. Task Description:** Approve Registration Page (Admin Panel)

- **SRS Reference:** Page 16, Section 3.1.1.10.
- **Planned Start Date:** 08.05.2024
- **Dependencies:** -
- **People Responsible:** Emrah Horkar.

#### **4.4. Task Description:** User Authentication and Authorization

- **SRS Reference:** Page 16, Section 3.1.1.10.
- **Planned Start Date:** 08.05.2024
- **Dependencies:** -
- **People Responsible:** Doğa Koçak, Umut Mete.

## **5. Encountered Issues and Risks**

**5.1. Issue Description:** We use DigitalOceans's PostgreSQL service for our database. And we want to store image files directly in the database. This makes file management more difficult and decreases database performance.

- **Impact on Project:** It causes our developers to spend more time on this task and slows down the following development process.
- **Mitigation Actions:** Improve our knowledge about the database system or store images in a separate file system or use a cloud storage service.