

# Weekly Progress Report for UXNest Project

**Report Date:** 10.05.2024

**Reporting Period:** 03.05.2024 to 09.05.2024

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## 1. Summary

This week, the UXNest project achieved major progress smaller than expected due to unavailability of some of our team members. Although there were some delays in development, we are going to keep making additional efforts to get back on schedule.

## 2. Completed Tasks

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

- **Outcomes:** The development of the User Sign-Up Page has been successfully completed, incorporating all necessary validation requirements.
- **People Responsible:** Gürkan Demirci.

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

- **Outcomes:** The development of the Software Owner Sign-Up Page has been successfully completed, integrating essential validation features to ensure data accuracy and security.
- **People Responsible:** Gürkan Demirci.

### 2.3.Task Description: User Login Page

- **Outcomes:** The User Login Page has been successfully created, featuring security measures and user authentication protocols to enhance user access control.
- **People Responsible:** Gürkan Demirci.

### 2.4. Task Description: User Authentication and Authorization

- **Outcome:** The implementation of user authentication and authorization mechanisms has been successfully completed, ensuring secure and role-based access control within the system.
- **People Responsible:** Umut Mete.

### 3. Ongoing Tasks

#### 3.1. Task Description: Admin Login Page Development

- **SRS Reference:** Page 14, Section 3.1.1.5.
- **Expected Completion Date:** 12.05.2024.
- **Current Issues/Challenges:** -
- **People Responsible:** Gürkan Demirci.

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

- **SRS Reference:** Page 15, Section 3.1.1.7.
- **Expected Completion Date:** 13.05.2024.
- **Current Issues/Challenges:** -
- **People Responsible:** Esra Akşit.

#### 3.3. Task Description: Dashboard Development

- **SRS Reference:** Page 16, Section 3.1.1.9.
- **Expected Completion Date:** 12.05.2024.
- **Current Issues/Challenges:** -
- **People Responsible:** Emrah Horkar.

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

- **SRS Reference:** Page 17, Section 3.1.1.10.
- **Expected Completion Date:** 14.05.2024.
- **Current Issues/Challenges:** -
- **People Responsible:** Emrah Horkar.

#### 3.5. Task Description: Implement API Endpoints

- **SRS Reference:** Page 11, Section 2.5.
- **Expected Completion Date:** 18.05.2024.
- **Current Issues/Challenges:** -
- **People Responsible:** Doğa Koçak, Umut Mete.

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

- **SRS Reference:** Page 29, Section 4.3.
- **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: Finding Submission Page**

- **SRS Reference:** Page 15, Section 3.1.1.6.
- **Planned Start Date:** 13.05.2024.
- **Dependencies:** -
- **People Responsible:** Gürkan Demirci.

### **4.2. Task Description: Findings List Page**

- **SRS Reference:** Page 16, Section 3.1.1.8.
- **Planned Start Date:** 14.05.2024.
- **Dependencies:** -
- **People Responsible:** Gürkan Demirci.

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

- **SRS Reference:** Page 19, Section 3.1.1.14.
- **Planned Start Date:** 13.05.2024.
- **Dependencies:** -
- **People Responsible:** Esra Akşit.

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

- **SRS Reference:** Page 17, Section 3.1.1.11.
- **Planned Start Date:** 15.05.2024.
- **Dependencies:** -
- **People Responsible:** Emrah Horkar.

#### 4.5. Task Description: Approve Findings Page (Admin Panel)

- **SRS Reference:** Page 18, Section 3.1.1.12.
- **Planned Start Date:** 16.05.2024.
- **Dependencies:** -
- **People Responsible:** Emrah Horkar.

#### 4.6. Task Description: Usability Testing

- **SRS Reference:** Page 29, Section 4.3.1.
- **Planned Start Date:** 16.05.2024.
- **Dependencies:** -
- **People Responsible:** Murat Can Alan, Esra Akşit.

#### 4.7. Task Description: Security Testing

- **SRS Reference:** Page 28, Section 4.2.
- **Planned Start Date:** 14.05.2024.
- **Dependencies:** -
- **People Responsible:** Murat Can Alan.

#### 4.8. Task Description: Integration of Front-End and Back-End Systems

- **SRS Reference:** Page 10, Section 2.5.
- **Planned Start Date:** 10.05.2024.
- **Dependencies:** -
- **People Responsible:** Doğa Koçak, Umut Mete, Emrah Horkar, Gürkan Demirci, Esra Akşit.

### 5. Encountered Issues and Risks

**5.1. Issue Description:** Our website depends on the Imgur API for image storage. Should the Imgur API encounter disruptions or outages, it could potentially impact the functionality and availability of our application.

- **Impact on Project:** Delays or failures in loading images can degrade the user experience. Additionally, critical features that rely on image accessibility or storage may become non-functional, affecting the overall availability of our service.

- **Mitigation Actions:** We are planning to establish a fallback mechanism by integrating a secondary storage solution with Cloudinary API. In the event of an Imgur API failure, the system could switch to this backup service seamlessly.

**5.2. Issue Description:** The identity service employed for authentication fell short of meeting our specific requirements.

- **Impact on Project:** While the development of a custom solution by our team required additional time, it did not significantly disrupt the overall development workflow.
- **Mitigation Actions:** Our developers designed and implemented a new entity that extends the functionality of the default one, effectively addressing the limitations encountered.