

# INTERNSHIP WEEKLY PROGRESS REPORT

**Student Name:** John Doe

**Week Number:** First

**Date:** 2082/07/23

## 1. Responsibility / Main Focus:

Onboarding and Environment Setup

## 2. Activities Performed:

- Attended internship orientation and introduction to the Development team.
- Set up the development environment, including PHP, MySQL, Node.js, and VS Code.
- Studied the existing project requirements for "HisabKitab" and established a project roadmap.

## 3. Observations / Learning:

Setting up a proper development environment is crucial for workflow efficiency and consistency across the team.

## 4. Plan for Next Week:

Start working on frontend wireframes and HTML structure.

## 5. Performance Appraisal by Mentor:

**Supervisor Name:**

Signature

Date: \_\_\_\_\_

**Mentor Name:**

Signature

Date: \_\_\_\_\_

# INTERNSHIP WEEKLY PROGRESS REPORT

**Student Name:** John Doe

**Week Number:** Second

**Date:** 2082/07/30

## 1. Responsibility / Main Focus:

Frontend Design and Wireframing

## 2. Activities Performed:

- Focused on fundamental web technologies: HTML5 and CSS3.
- Designed the initial wireframes and UI components for the HisabKitab dashboard.
- Implemented responsive layouts using CSS Flexbox and Grid.

## 3. Observations / Learning:

Learned that CSS Flexbox and Grid offer powerful tools for creating responsive designs that adapt to different screen sizes.

## 4. Plan for Next Week:

Add interactivity to the UI using JavaScript.

## 5. Performance Appraisal by Mentor:

**Supervisor Name:**

Signature

Date: \_\_\_\_\_

**Mentor Name:**

Signature

Date: \_\_\_\_\_

# INTERNSHIP WEEKLY PROGRESS REPORT

**Student Name:** John Doe

**Week Number:** Third

**Date:** 2082/08/07

## 1. Responsibility / Main Focus:

Frontend Logic Implementation

## 2. Activities Performed:

- Introduced JavaScript for frontend interactivity.
- Implemented dynamic DOM manipulation for adding and removing expense rows in the UI.
- Learned about asynchronous JavaScript (Promises and Fetch API) for future data fetching.

## 3. Observations / Learning:

Direct DOM manipulation allows for dynamic user experiences without page reloads, which significantly improves the perceived speed of the application.

## 4. Plan for Next Week:

Begin server-side programming with basic PHP.

## 5. Performance Appraisal by Mentor:

**Supervisor Name:**

Signature

Date: \_\_\_\_\_

**Mentor Name:**

Signature

Date: \_\_\_\_\_

# INTERNSHIP WEEKLY PROGRESS REPORT

**Student Name:** John Doe

**Week Number:** Fourth

**Date:** 2082/08/14

## 1. Responsibility / Main Focus:

Backend Basics and Security

## 2. Activities Performed:

- Transitioned to server-side development with basic PHP.
- Built simple script-based CRUD operations for managing a mock customer list.
- Understood the importance of server-side validation and security.

## 3. Observations / Learning:

Server-side validation is essential for security as client-side checks can be bypassed. Input sanitization is key to preventing injection attacks.

## 4. Plan for Next Week:

Install and explore the Laravel framework.

## 5. Performance Appraisal by Mentor:

**Supervisor Name:**

Signature

Date: \_\_\_\_\_

**Mentor Name:**

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Date: \_\_\_\_\_

# INTERNSHIP WEEKLY PROGRESS REPORT

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**Student Name:** John Doe

**Week Number:** Fifth

**Date:** 2082/08/21

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## 1. Responsibility / Main Focus:

Framework Setup and Routing

## 2. Activities Performed:

- Installed and configured the Laravel framework.
- Explored the Laravel directory structure and primary configuration files.
- Set up the first set of routes and successfully rendered a "Hello World" view.

## 3. Observations / Learning:

Using a framework like Laravel provides a structured and secure foundation for application development.

## 4. Plan for Next Week:

Implement Controllers and master Views using Blade.

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## 5. Performance Appraisal by Mentor:

**Supervisor Name:**

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**Mentor Name:**

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Date: \_\_\_\_\_

# INTERNSHIP WEEKLY PROGRESS REPORT

**Student Name:** John Doe

**Week Number:** Sixth

**Date:** 2082/08/28

## 1. Responsibility / Main Focus:

MVC Architecture Implementation

## 2. Activities Performed:

- Deep dive into the MVC (Model-View-Controller) architecture.
- Created the first Controller and started migrating frontend assets into Blade templates.
- Implemented a master layout file for consistent UI across all pages.

## 3. Observations / Learning:

Blade templates significantly reduce code duplication by allowing the use of master layouts and reusable components.

## 4. Plan for Next Week:

Integrate real database connections and design migrations.

## 5. Performance Appraisal by Mentor:

**Supervisor Name:**

Signature

Date: \_\_\_\_\_

**Mentor Name:**

Signature

Date: \_\_\_\_\_

# INTERNSHIP WEEKLY PROGRESS REPORT

**Student Name:** John Doe

**Week Number:** Seventh

**Date:** 2082/09/06

## 1. Responsibility / Main Focus:

Database Design and Seeding

## 2. Activities Performed:

- Focused on database integration and migrations.
- Created the Customer and Transaction models and their corresponding migrations.
- Seeded the database with sample data using Laravel Factories.

## 3. Observations / Learning:

Database migrations serve as version control for the database schema, making it easy to share and synchronize database structures among team members.

## 4. Plan for Next Week:

Develop core CRUD functionality for transactions.

## 5. Performance Appraisal by Mentor:

**Supervisor Name:**

Signature

Date: \_\_\_\_\_

**Mentor Name:**

Signature

Date: \_\_\_\_\_

# INTERNSHIP WEEKLY PROGRESS REPORT

**Student Name:** John Doe

**Week Number:** Eighth

**Date:** 2082/09/13

## 1. Responsibility / Main Focus:

Core Functionality Development

## 2. Activities Performed:

- Developed core CRUD modules for the Transaction management system.
- Implemented Eloquent relationships (One-to-Many) between Customers and Transactions.
- Added form validation and custom error messages in Blade views.

## 3. Observations / Learning:

Eloquent ORM relationships simplify complex SQL joins into readable method calls, speeding up the development of related data queries.

## 4. Plan for Next Week:

Implement search functionality via internal APIs.

## 5. Performance Appraisal by Mentor:

**Supervisor Name:**

Signature

Date: \_\_\_\_\_

**Mentor Name:**

Signature

Date: \_\_\_\_\_

# INTERNSHIP WEEKLY PROGRESS REPORT

**Student Name:** John Doe

**Week Number:** Ninth

**Date:** 2082/09/20

## 1. Responsibility / Main Focus:

API Development and Optimization

## 2. Activities Performed:

- Developed a search API for customers to improve user efficiency.
- Integrated the Search API with the frontend using JavaScript and Fetch.
- Performed performance optimization of database queries using eager loading (with()).

## 3. Observations / Learning:

Eager loading is critical for performance optimization to prevent the N+1 query problem when fetching related data models.

## 4. Plan for Next Week:

Final testing, bug fixing, and report compilation.

## 5. Performance Appraisal by Mentor:

**Supervisor Name:**

Signature

Date: \_\_\_\_\_

**Mentor Name:**

Signature

Date: \_\_\_\_\_

# INTERNSHIP WEEKLY PROGRESS REPORT

**Student Name:** John Doe

**Week Number:** Tenth

**Date:** 2082/09/27

## 1. Responsibility / Main Focus:

Testing, Documentation, and Review

## 2. Activities Performed:

- Final testing and bug fixing of the complete "HisabKitab" application.
- Compiled the weekly logs into the final internship report.

## 3. Observations / Learning:

Thorough testing helps identify edge cases that might be missed during initial development. Documentation is vital for the long-term maintainability of the project.

## 4. Plan for Next Week:

Final submission and project handover.

## 5. Performance Appraisal by Mentor:

**Supervisor Name:**

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Date: \_\_\_\_\_

**Mentor Name:**

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Date: \_\_\_\_\_