InternSync

Business Requirement Specification

Index

1. Introduction

1.1 Document Purpose

This document communicates the business requirements and scope for developing **InternSync (Smart internship management system).**The scope of this document is to define the functional and non-functional requirements, business rules and other constraint requirements.

1.2 Project Background

The current internship process is inefficient, scattered across various manual systems, and lacks coordination among students, organizations, and administrators. Students often struggle to find suitable opportunities and cannot track their applications effectively. Organizations find it difficult to manage and respond to applicants efficiently. Additionally, administrators lack visibility and tools to monitor or assist in the process, leading to communication gaps and delays. These problems highlight the need for a structured, centralized solution.

1.3 Goals of the Project

This project aims to create a centralized, automated platform that bridges the gap between students, organizations, and administrators. The system will enable organizations to post and manage internships efficiently, students to apply and track opportunities through a personalized dashboard, and administrators to oversee the entire process using built-in monitoring and reporting tools. It will also ensure secure, role-based access and improve communication through real-time notifications and updates, thereby offering a seamless and transparent internship experience.

1.4   Customers and Stakeholders

- Customers
    - Students seeking internships.
    - Organizations offering internships.
    - Admin managing the process.
- Stakeholders
    - Educational Institutions
    - HR departments
    - System administrators and software developers

2. Business Requirement Overview

The Smart Internship Management System aims to offer a centralized internship platform for all users, supporting streamlined internship listings and applications. It enables real-time application status tracking, efficient document uploads and management, and allows students to submit daily or weekly reports. The system includes notifications and alerts to keep users updated, role-based dashboards for personalized access, and tools for seamless communication between users. Additionally, it provides admin-level system management and reporting for effective oversight and control.

3. Functional Requirements Overview

3.1 Student Module

- Register and log in securely.
- View and filter internship listings by **domain, location, duration, stipend, and deadline**.
- Apply to internships and track **real-time application statuses** (pending, shortlisted, accepted, rejected).
- Upload, manage, and attach documents (resumes, certificates) to applications.
- View **interview schedules**.
- Access a personalized dashboard with profile, document status, application statistics, and history.
- Communicate with organizations and admins via the platform.

3.2 Organization Module

- Register and log in after credential verification.
- Post internship opportunities (role, requirements, stipend, deadlines); subject to **admin approval**.
- Manage internship listings (edit/update/delete).
- View and manage applications, download submitted documents.
- Accept or reject applicants and **schedule interviews**.
- Update application statuses.
- Access a dashboard with stats on listings, applications, and platform activity.
- Communicate with students and admins.

3.3 Admin Module

- Log in with enhanced authentication and **role-based access control**.
- Monitor all internship postings and student applications.
- Approve or reject organization accounts and internship listings before publishing.
- View and manage all uploaded documents (students and organizations).
- Generate reports and visual dashboards (e.g., application trends, fulfillment rates).
- Manage users and their roles/permissions securely.
- Remove inappropriate or suspicious content.

4. Non-Functional Requirements

- **Performance**: The system should respond smoothly and support multiple users without delays or disruptions.

- **Security**: All user data must be protected through encrypted communication and secure authentication mechanisms including role-based access control.

- **Usability**: The platform must provide an intuitive, easy-to-navigate, and responsive user interface that works across different devices.

- **Reliability**: The system should function consistently and include error handling and recovery mechanisms to maintain continuous operation.