

# **SOFTWARE REQUIREMENT SPECIFICATIONS (SRS)**

## **WEBSITE FOR TBI GEC THRISSUR GROUP 2**

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# **1. Introduction**

## **1.1 Purpose**

The purpose of this document is to define the requirements for the development of an official website for the Technology Business Incubator (TBI) cell of Government Engineering College Thrissur.

## **1.2 Document Conventions**

- Use of formal language and technical terminology.
- Use of UML diagrams where applicable.

## **1.3 Intended Audience and Reading Suggestions**

This document is intended for developers, designers, project managers, and stakeholders involved in the creation of the TBI website. It assumes familiarity with web development principles and technologies.

## **1.4 Product Scope**

The website aims to address the lack of proper outreach and promotion of TBI's entrepreneurship fostering activities and skill development programs. It will provide a platform to showcase achievements, announce events, connect with mentors and companies, and facilitate the incubation application process online.

## **1.5 References**

The following websites were used as a reference for the design and requirement analysis of the project :

IIT Madras TBI - <http://rtbi.in/incubationiitm/home.html>

Kerala Startup Mission - <https://startupmission.kerala.gov.in/>

## **2. Overall Description**

### **2.1 Product Perspective**

The TBI website will serve as a standalone system dedicated to representing TBI's activities and services. It will integrate with existing platforms, such as social media, for enhanced outreach.

### **2.2 Product Functions**

- Showcase entrepreneurship endeavours and achievements.
- Display latest announcements and upcoming events.
- Provide information on startups and companies incubated at TBI.
- Facilitate mentor networking and access to resources.
- Describe the incubation application process and enable online applications.
- Enable learning through a Startup School to train aspiring entrepreneurs.
- Dedicated section for blogs related to the incubated companies and the latest technological advancements.

### **2.3 User Classes and Characteristics**

- Administrators: Responsible for managing website content and applications.
- Visitors: Students, entrepreneurs, mentors, and businesses interested in TBI's activities and services.

## **2.4 Operating Environment**

The website will be accessible via standard web browsers and should be responsive across different devices and screen sizes.

## **2.5 Design and Implementation Constraints**

- Compatibility with major web browsers (Chrome, Firefox, Safari, Edge).
- Compliance with web standards and accessibility guidelines.
- Security measures to protect user data and prevent unauthorised access.

## **2.6 User Documentation**

User documentation will include guides for administrators on managing content and applications, as well as guidance for visitors on navigating the website effectively.

# **3. External Interface Requirement**

## **3.1 User Interfaces**

The user interface will be intuitive and user-friendly, featuring easy navigation and clear organisation of content. Key components include:

- Home page showcasing achievements and announcements.

- Sections for events, startups, mentors, and resources.
- Application forms for incubation and contact details for inquiries.
- Startup School for learning about startups and entrepreneurship.
- Dedicated section for blogs related to the incubated companies and the latest technological advancements.

### **3.2 Hardware interfaces**

The website will be hosted on a web server and accessible via standard hardware devices such as desktops, laptops, tablets, and smartphones.

## **4. Block Diagram**

A block diagram illustrating the architecture of the TBI website will be provided during the design phase, depicting the various components and their interactions.

This Software Requirements Specification (SRS) document outlines the key requirements and specifications for the development of the TBI website. It serves as a guide for the design, implementation, and testing phases of the project.