◼ Software Requirements Specification (SRS)

Project: BSISGOV - Startup News Website

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1. Introduction

1.1 Purpose

The purpose of BSISGOV is to deliver daily curated startup news in a user-friendly, responsive website format. The site is designed to showcase recent startup developments, funding rounds, founder stories, and other startup ecosystem updates.

1.2 Intended Audience

- General public interested in startup news
- Startup founders and entrepreneurs
- Investors and analysts
- Content editors and administrators

1.3 Scope

This website will have:

- A **public-facing frontend** to display startup news articles
- A **minimal CMS backend** (future addition) for authorized admins to publish articles
- Responsive layout optimized for mobile and desktop
- Social sharing options for each article

1.4 Definitions, Acronyms, and Abbreviations

- **BSISGOV**: Brand name of the project.
- **CMS**: Content Management System
- **HTML/CSS/JS**: Technologies used for frontend development.

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2. Overall Description

2.1 Product Perspective

The BSISGOV website is a standalone system with a frontend developed using HTML, CSS, and JavaScript. The backend CMS may be developed later using Node.js, Firebase, or similar technologies.

2.2 Product Functions

- Display latest news articles in a card layout
- Allow users to view full articles by clicking titles
- Include social sharing links (e.g., Twitter, LinkedIn)
- Include navigation (Home, About, Contact)
- Responsive design for various screen sizes

2.3 User Classes and Characteristics

User Type	Description
Visitor	Can browse and read articles
Admin (future)	Can create, edit, or delete articles

2.4 Operating Environment

- Frontend: HTML5, CSS3, JavaScript
- Web Browsers: Chrome, Firefox, Edge, Safari
- Hosting: GitHub Pages, Vercel, or any static hosting

2.5 Design and Implementation Constraints

- No backend in current version (static site only)
- Images should be optimized for fast loading
- CSS and JS should be modular and organized

2.6 Assumptions and Dependencies

- Admin backend will be implemented later
- News data is static for now (manually updated)
- User authentication is not required in the current scope

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3. Specific Requirements

3.1 Functional Requirements

- **FR1**: The system shall display a list of recent startup news on the homepage.
- **FR2**: The system shall allow users to navigate to full article pages via links.
- **FR3**: The system shall provide navigation links to "About" and "Contact" pages.
- **FR4**: Each news card shall contain a title, image, summary, publish date, and social share links.

3.2 Non-Functional Requirements

- **NFR1**: The website shall be responsive and accessible on all modern devices.
- **NFR2**: Page load time shall be under 2 seconds for optimal UX.
- **NFR3**: The system shall use semantic HTML and valid CSS.

- **NFR4**: All content shall follow web accessibility best practices (WCAG AA).

3.3 External Interface Requirements

- **UI**:
  - Header with logo and navigation
  - News list in card format
  - Footer with copyright
- **Hardware Interface**:
  - Runs on standard client devices (mobile, desktop)

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4. Future Enhancements

- Admin dashboard for news posting/editing
- Search and category filter options
- Newsletter subscription
- Comments section under each article
- Progressive Web App (PWA) support

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5. Appendices

A. References

- Unsplash for image sourcing
- HTML5 Boilerplate
- [W3C](#) for accessibility guidelines