



SOFTWARE REQUIREMENT
SPECIFICATION
(SRS)

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Software Requirements Specification (SRS)

1. Introduction

1.1 Background

The project "**So You Want to be a Pilot?**" aims to provide comprehensive information and guidance for individuals interested in pursuing a career as a pilot. It covers various aspects of the aviation industry, including different types of pilots and associated requirements.

1.2 Description

The project consists of a website containing detailed information about becoming a pilot. It includes sections on different types of pilots, such as Army, Navy, Air Force, commercial airlines like Indigo, Air India, Emirates, Lufthansa, and private jets. The website provides guidance on eligibility criteria, job descriptions, and career opportunities in each category.

2. Environmental Characteristics

The project is a web-based application accessible through standard web browsers. It utilizes HTML, CSS, and JavaScript for frontend development and may require server-side scripting for dynamic content.

3. Interfaces

The user interface is designed to be intuitive and easy to navigate. It includes a navigation bar for seamless browsing between different sections of the website. Additionally, interactive elements such as registration forms and video content enhance user engagement.

4. Constraints

Compatibility: The website should be compatible with major web browsers such as Chrome, Firefox, and Safari.

Accessibility: The website should adhere to accessibility standards to ensure usability for users with disabilities.

Content Management: Regular updates and maintenance are required to keep the information up-to-date and accurate.

5. Functional Requirements

5.1 Navigation

Users should be able to navigate between different sections of the website using the navigation bar.

Links to external resources and references should be provided for additional information.

5.2 Registration Form

Users should be able to access a registration form to sign up for updates or additional services.

The registration form should include fields for username, password, and email address.

Client-side validation should be implemented to ensure data integrity.

5.3 Content Presentation

Information about each type of pilot should be presented in a structured and organized manner.

Multimedia elements such as videos and images should be used to enhance content presentation.

Content should be written in clear and concise language to facilitate understanding.

6. References

Federal Aviation Administration (FAA)

International Civil Aviation Organization (ICAO)

Directorate General of Civil Aviation (DGCA)

Indigo: <https://careers.goindigo.in/>

Air India: <https://cadetpilot.airindia.com/>

Army: https://en.wikipedia.org/wiki/Indian_Army_Aviation_Corps

Navy: <https://www.joinindiannavy.gov.in/en/account/account/state>

Air Force: <https://indianairforce.nic.in/>

Emirates: <https://www.emiratesgroupcareers.com/>

Lufthansa: <https://planeboishaurya.github.io/Aviation-Website/Lufthansa.html>

Private Jets: <https://www.tajair-tata.aero/>

7. Use Case Diagram

