

Passport Automation System

1) Introduction:-

Purpose - The document outlines the requirements for passport automation system, giving details about scope, functionalities & objectives.

Scope - It focuses on automating the passport system. It aims to improve user experience & operational efficiency.

Overview - It allows users to submit applications online, track status & receive notifications.

2) General Description:-

★ **Users** - It is used by passport applicants and administrative staff.

★ **Features** - Online application submission, status tracking, appointment scheduling and document management.

★ **Benefits** - Reduced paperwork, faster processing time.

★ **Importance** - Enabling faster delivery of passport.

3) Functional Requirements:-

★ **Online Application Submission** - Users can submit forms online and edit the same.

★ **Status tracking** - Application status can be checked by users to plan accordingly.

★ **Appointment Schedule** - Users can schedule appointment by checking available slots.

★ **Documents Uploading** - Users can submit scanned copies of documents for verification.

★ **Admin dashboard** - It provides access to admins for document verification and generating reports.

4) Interface Requirements:

- ★ User interface - Web-based interface accessible from multiple devices.
- ★ Communication protocol - Data exchange must adhere to protocols and regulations.
- ★ APIs - For integration with national databases.

5) Performance Requirements:

- ★ Response time must be within 2 seconds.
- ★ Error rate must be minimal.
- ★ Must support multiple system access.

6) Design constraints:

- ★ Data exchange must follow proper encryption standards.
- ★ It must comply with existing hardware systems.

7) Non-functional Attributes:

- ★ Security - It must provide proper safety and use proper encryption standards.
- ★ Portability - It must run on different devices.
- ★ Reliability - It must provide accurate data with low error rates.
- ★ Scalability - It must support a large number of users accessing at the same time.

8) Preliminary Schedule:

Requirement specification - 4 weeks

Design & development - 5 weeks

Testing - 4 weeks

Deployment - 3 weeks

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