

Passport automation system

Problem Statement:

The passport automation system facilitates the activities of the creation of a passport like easy acceptance of information, quick dispatch of passport etc.

SRS:

1. Introduction

- * To design the functional and non functional requirements by making more efficient passport automation system
- * To be able to extract, order and enter the details into the passport appropriately.

2. General description

- * The passport officers are the users of the system. The benefits of this system is the easy acceptance of data, fast proceedings and quick dispatching of the passport

3. Functional requirements

- * The system should authenticate applicants accurately
- * The system should dispatch the passports as soon as possible
- * The system should check the validity of the application
- * The system should produce passports based on first come first served basis

4. Interface Requirements

- * Integration of the existing system with the new passport authentication system
- * The data in the database should be consistent
- * The system should have a clean user-interface

5. Performance requirements

- * The system should be able to handle large amounts of data from many people
- * The validation process should not take more than 5 minutes
- * Errors should be displayed on the screen by 10 seconds

6. Design constraint

- * The system should have an integrated security system.
- * The should be highly scalable
- * The system should be able to handle large set of data during peak hours

7. Non functional requirements

- * The system should be able to operate automatically without users
- * The system should have accuracy in ~~validat~~ authentication
- * The ~~st~~ system should make ~~perman~~ permanent entries to the database with no changes allowed.

8. Preliminary ~~st~~ schedule and budget

- * Plan: 20 days
- * Development: 6 months
- * Testing: 2 months

*Deployment: 1 months

*Hardware: \$100,000 - \$110,000

*Training: \$20000 - \$25000

*Personel: \$100,000