v) BRS for tassports thatomation systems 1. Introduction - will som steam petresisition 1.1 Parposes The purpose of this document to out the requirements for a Passport Automation System (PAS) that streamlines the application, process and issuance of passports. The system automates bend-to-end processis at the mating at it 1.2 Scope of the PAB includes functionalities sur as user registration, application submission document verification, payment processing etc. 2. General Description + 102 proise bodgerons 2.1 Product Perspectives The PAS is a webbase application that interfaces with a secure, database for managing passport-related data The system aims to simplify the passport application process for users and government staff by automating key operations per 2,2 Product Functions & Language & * User Registration 2/200 + 1 philosi * Application Processings : trampalge * Document Verification * Payment Processing 21000 oc lator la toto (8)

2.3 Clear Characteristice such longitud rook ? when Resports Applicante is been phones & * Government staff to motion wither know winger Administrators without men should in 3. Functional Requirements = promiser los minimos * User Management: Account creation for applications * Application Management: Submit, edit & delete * Verification Procees: Validate gubmitted documents against the criteria set. * Payment Handling: securely process payments * Status applates: Notify users via email etc. 4. Interface Requirements + * User Interface being intuitive & responsive. * Hardware Interface with standard servers. * Software Interface with a secure dotabase. 5. Performance Requirements + Primers * System must support up to 2000 users
simultaneously
+ Page Load Time shouldn't exceed 3 second
+ Efficiently manage up to 50,000 pasport application records: primost 6. Design Constrainte: -: proprieto * Modular architecture must be used. * System is built using secure, well-supported programming languages etc.

7. Non-Functional Requirements Francis viels * Security must be ensured with all user data and sensitive information are encrypted. * Provide user-friendly interface which require minimal training timesty begins to with x System must have high up time, and 8. Preliminary Schedule & Budgett 891 a Beliedule's tempo thomas Requirement Gathering: 3 weeks System Design in a weeks tratul. Perelopment: 10 weeks

2 vous Pesting: 10 weeks

2 weeks

2 weeks

2 weeks

2 weeks edetal Deployment; por 2 moets anouther x Training istront week somemotion of 2. Total : Duration 1:024 weeks (6 mobile) x

8.2 Budget >

Personnel Costs: 155,000 pp. 1.

Trogrand 000 Hardware & Software: 1 \$ 15,000 + Training: \$5000 noste silge Contingency: \$10,000,000 mpi200. 2 bestimated Total: 985,000