LAB 57 APS DOWNER + FOR Passport Automation system STOCU BYON antroduction of dia plantos brown babaan 71 Containstin The purpose of trois downer to is to 1.1 Purpose 3 speary the requirements for a Pass por Automation System to simplify and automake the process of passport capplications repewals and status trackings social tophogram openand situated printed topes Stope gonului zolos basis 1.2 The system will manage applicant data appointment scheduling document verification and status notifications, while reduces manual hibtervention and moderate ENTERON E SADT OF HOTERWITER & TROOPENSUNG overseur oon of the raphied of view The Passport Automation Bysten will augitize the end-to-end process of applying for, renewing and tracking passports, ensumng faster and more retrable senice delivery. 2 General Description The system will be used by applicants, passport officers and administrators, providing role-based occess for different operations.

3	Functional Pequirements
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3.1	Application Management in a done
	Muon asers to submit now passport
	applications obline about the months
	Faciliate renewal requests with pre-Alled data
	Elmenen apiesa 8
3.2	Appointment Scheduling Inter
	Proude available stots for applicants to book
	appointments inclosured basilettes sed -
	Send confirmation and reminders ua enail 15M3
3.2	Downent Verification: words of mil
7-2	Optood and venty required downsonts
	Enable officers to approve reject applications.
	sound conjum suremi " utilida 159 -
3.4	Status Tracking o sidizzas A Millidation
2/12	MINW applicants to track their application
	status Phopologia at a subject of
	Notify applicants about travel approvals
	dispatch of rejection in bodies monimized
	by posters of the proposition of the source of
CONTRACTOR OF THE PARTY OF THE	interface requirements in 8
15.75	was and mobile-friendly user interface
	integration with national ID and police
	venfication systems
	payment gateway integration por processing Ree

129 - Marie 11/4 Performence requirements. support 10,000 concurrent users during peak ting Pesponse time less than 3 sewals Haintain data consistency across myitiple government databasesilaro Econtrollaro Faciliate rencual requests vains pre-Allell dage, Design Constraints 6 Must comply with government it in trastmoure 2000 and security 108tandered 310 1000 30100 use centralised relational databases for EME I Beaute storageons acidominacios bo 1400 functional Minimutes 130 + 100 Minor - Security: strong encryptions and multifactor Edold so load to siculthentication. 200190 older Peliability' Essure minimal down time Portability: Accessible on web modrad and i 05 Scalablity: Expandable to handle increasing applicants cennyally. Laurence Laured thouse channing which Preliminary 8 chedule and Budget The system development is estimated to take 8 months with a budget of \$180,000 covering regalinement analysis, design wind, testing and deployment. Desite ations susteens