



Project Title: *NADRA*

Course Title: Software Construction & Development

Department: Computing (*Software Engineering*)

Submitted To: Islam Abbasi

Submitted By:

55766	Sufyan Ahmed Mughal
55859	Haseeb Ur Rehman

Fully Dressed Use Cases

Use Case No. UC-01	
Use Case Name:	Apply for New CNIC
Actor:	Citizen
Type:	Primary
Description:	Citizen applies for a new CNIC by filling personal details and uploading documents.
Pre-Conditions:	<ul style="list-style-type: none">• Citizen must be registered and logged in.• Citizen has required documents.
Post-Conditions:	<ul style="list-style-type: none">• Application submitted successfully.• Tracking ID generated.
Normal Flow	
Actor Action	System Response
1. User selects “Apply for New CNIC”.	2. System opens new CNIC form.
3. User enters personal details.	4. System validates format of details.
5. User uploads documents.	6. System checks file type, size, and clarity.
7. User submits application.	8. System saves details and generates tracking ID.
Alternative Flow	
A3.1:	Invalid details → System highlights error → User re-enters.
A5.1:	Invalid file format/size → System prompts retry.
A7.1:	Server error → System shows retry message. →

Use Case No.		UC-02	
Use Case Name:		Renew CNIC with Autofill	
Actor:		Citizen	
Type:		Primary	
Description:		Citizen renews CNIC using old data autofilled by the system.	
Pre-Conditions:		<ul style="list-style-type: none">• User has an existing CNIC.• User is logged in.	
Post-Conditions:		<ul style="list-style-type: none">• Renewal request submitted.	
Normal Flow			
Actor Action		System Response	
1. User selects “Renew CNIC”.		2. System retrieves old data and autofills form.	
3. User edits only required fields.		4. System validates modified fields.	
5. User submits renewal form.		6. System saves renewal and generates confirmation.	
Alternative Flow			
A2.1:		Autofill unavailable → System opens empty form.	
A5.1:		Server error → System shows retry message.	

Use Case No.		UC-03	
Use Case Name:		Update CNIC Details	
Actor:		Citizen	
Type:		Primary	
Description:		Citizen updates CNIC information (e.g., address, profession).	
Pre-Conditions:		<ul style="list-style-type: none">Active CNIC record exists.	
Post-Conditions:		<ul style="list-style-type: none">CNIC updated in system.	
Normal Flow			
Actor Action		System Response	
1. User selects “Update CNIC Details”.		2. System displays pre-filled data.	
3. User edits fields.		4. System validates new inputs.	
5. User submits update.		6. System saves update and confirms.	
Alternative Flow			
A3.1:		Invalid input → System highlights field.	
A5.1:		Submission fails → System prompts retry.	

Use Case No.		UC-04	
Use Case Name:		Upload Documents	
Actor:		Citizen	
Type:		Primary	
Description:		Citizen uploads documents during CNIC application.	
Pre-Conditions:		<ul style="list-style-type: none">• Application process is active.	
Post-Conditions:		<ul style="list-style-type: none">• CNIC updated in system.	
Normal Flow			
Actor Action		System Response	
1. User selects “Upload Documents”.		2. System prompts file selection.	
3. User uploads files.		4. System validates format and size.	
		5. System confirms successful upload.	
Alternative Flow			
A3.1:		Invalid format/size → System shows error.	
A3.2:		Network failure → Upload paused, user retries.	

Use Case No.		UC-05	
Use Case Name:		Track Application Status	
Actor:		Citizen	
Type:		Primary	
Description:		Citizen checks CNIC application progress.	
Pre-Conditions:		<ul style="list-style-type: none">• User has tracking ID.	
Post-Conditions:		<ul style="list-style-type: none">• Status displayed.	
Normal Flow			
Actor Action		System Response	
1. User selects “Track Application”.		2. System asks for tracking ID.	
3. User enters tracking ID.		4. System retrieves and shows status with progress bar.	
Alternative Flow			
A3.1:		Invalid ID → System shows error.	
A4.1:		Server unavailable → System shows retry option.	

Use Case No.	UC-06	
Use Case Name:	Modify Delivery Address	
Actor:	Citizen	
Type:	Primary	
Description:	Citizen changes delivery address before final submission.	
Pre-Conditions:	<ul style="list-style-type: none">Application not yet finalized.	
Post-Conditions:	<ul style="list-style-type: none">Delivery address updated.	
Normal Flow		
Actor Action		System Response
1. User navigates to Delivery section.		2. System displays default address.
3. User enters new address / selects GPS.		4. System validates address format.
5. User saves address.		6. System confirms update.
Alternative Flow		
A3.1:	Invalid address → System highlights and requests correction.	
A4.1:	Submission error → System prompts retry.	