

CSE213 CRA Report Template

Topic: Simulating operations of Model Thana such as Gulshan Model Thana		
ID:2022056	Name: Turag Wilson Biswas	User1: CONSTABLE
		User2: CITIZEN
ID:2021601	Name: Md. Mushfiqul Islam Khan	User3: ASP
		User4: INSPECTOR
ID:1920768	Name: JERIN TASNIM PURBA	User5: SI
		User6: Finance officer
ID:2020890	Name: Shawal Binte Hossain	User7: OC
		User8: Surgent

Possible event type:

- UIE - - user input to trigger event
- UID - - user input to be considered as data
- OP – display content (output)
- PC – prerequisite check
- VL – validation check
- VR – verification check
- DP – fetching data from file system and process it to get some calculated outcome (data processing)

USER ID: **CONSTABLE**

GOAL 01: Show your salary amount.

Work flow:

Event 01: Enter Constable ID (CONSTABLE ID), then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Select “Check salary amount” in the dashboard.

Event 05: Display Amount of Salary.

GOAL 02: Report a case file.

Work flow:

Event 01: Enter Constable ID (CONSTABLE ID), then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Select “File a case” in the dashboard.

Event 05: Then the scene loads the details of the victim (Name, age, gender, contact, Issue).press the submit.

GOAL 03: Application for leave.

Work flow:

Event 01: Enter Constable ID (CONSTABLE ID), then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Select “Application for Leave” in the Dashboard.

Event 05: Then the scene loads the (REASON) and submit press.

GOAL 04: Checking for duty schedule.

Work flow:

Event 01: Enter Constable ID (CONSTABLE ID), then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Select the “Regular routine of duty” in the dashboard.

Event 05: Then scene load the routine . (If no scheduled on duty ,then the scene displays “No appointments scheduled for the day yet”)

GOAL 05: Update Police clearance.**Work Flow:**

Event 01: Enter Constable ID (CONSTABLE ID), then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Selection “UPDATE THE POLICE CLEARANCE” in the dashboard.

Event 05: Then scene Load the police clearance form(Tracking number, Positive/Negative) and press submit.

Goal 06: Field Note of investigation.**Work flow:**

Event 01: Enter Constable ID (CONSTABLE ID), then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Select” NOTE OF INVESTIGATION” in the dashboard.

Event 05: Then scene load the file case file (name ,code ,report).press the submit button.

Goal 07 : Responding to call for police service.

Work flow:

Event 01: Enter Constable ID (CONSTABLE ID), then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Show the call receive button.

Goal 08 : Collect information of the arrest criminal.

Work flow:

Event 01: Enter Constable ID (CONSTABLE ID), then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Then scene load and ask information of criminal (Name ,Sex ,Age, Reason) then press the submit button.

User ID: Citizen.

Goal 01: Application of police verification.

Work flow:

Event 01: Enter Citizen ID, then press login.

Event 02: Validate input.

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Select “Apply for police verification ”in the dashboard.

Event 05: Then scene load and ask the information the citizen(Name ,NID ,Sex ,Address) and press the submit button.

Goal 02: Checking for Police Clearance.

Work flow:

Event 01: Enter Citizen ID, then press login.

Event 02: Validate input.

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Select “check the police clearance ”in the dashboard.

Event 05: The scene load the letter and If no letter found ,then the scene displays “pending”.

Goal 03: Report a case for cyber bullying.

Work flow:

Event 01: Enter Citizen ID, then press login.

Event 02: Validate input.

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Select “File a case” in the dashboard.

Event 05: Then scene load and ask the information the citizen(Name ,NID ,Sex ,Report details, Screenshot, criminal information) and press the submit button.

Goal 04: File a general diary.

Work flow:

Event 01: Enter Citizen ID, then press login.

Event 02: Validate input.

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Select “File a General Diary” in the dashboard.

Event 05: Then scene load and ask the information the citizen(Name ,NID ,Sex ,Report details) and press the submit button.

Goal 05: Application for attending police program.

Work flow:

Event 01: Enter Citizen ID, then press login.

Event 02: Validate input.

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Select “Apply for the program” in the dashboard.

Event 05: The scene load and ask the information of yours(Name ,sex ,NID ,Contact number) and press the submit button.

Goal 06: Finding your lost things .

Work flow:

Event 01: Enter Citizen ID, then press login.

Event 02: Validate input.

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Select “Search your Code(Your contact number)” in the dashboard.

Event 05: The scene Show the update (If not found ,then the scene displays “Pending”).

Goal 07: Checking emergency Police number.

Work flow:

Event 01: Enter Citizen ID, then press login.

Event 02: Validate input.

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Select “Check the officer number” in the dashboard.

Event 05: The scene shows the Details of the officer number.

Goal 08: file a complaint to higher authority against a Police Officer.

Work flow:

Event 01: Enter Citizen ID, then press login.

Event 02: Validate input.

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Event 04: Select “File a complaint to higher authority” in the dashboard.

Event 05: The scene ask to enter the information of the police office(Name ,sex position ,reason) and submit the button.

User 03: Assistant Superintendent of Police

Workflow:

Goal 1: View the “Higher Profile Investigation” in the dashboard

Event 1: Enter Assistant Superintendent of Police ID (Assistant Superintendent of Police ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up.

Event 4: Select the “Higher Profile Investigation” in the dashboard. (List of cases)

Goal 2: Transfer Staff from the thana

Event 1: Enter Assistant Superintendent of Police ID (Assistant Superintendent of Police ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up

Event 4: Select “Show Staff” in the dashboard.

Event 5: Then the scene loads the staff form (Name, Designation, Transfer thana) and press transfer.

Goal 3: Joining information of the officers of the thana

Event 1: Enter Assistant Superintendent of Police ID (Assistant Superintendent of Police ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up

Event 4: Select the “Officers Information” in the dashboard.

Event 5: Then scene load the information (Name, Gender, Designation, Joining date).

Goal 4: See the schedule for VIP protocols under the thana

Event 1: Enter Assistant Superintendent of Police ID (Assistant Superintendent of Police ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up

Event 4: Select “VIP Protocol” in the dashboard.

Event 5: Then scene load the information. (VIP’s name, Designation, Program schedule).

Goal 5: Checking for the duty schedules of officers.

Event 1: Enter Assistant Superintendent of Police ID (Assistant Superintendent of Police ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up

Event 4: Select the “Regular routine of duty” in the dashboard.

Event 5: Then scene load the routine. (Name, Gender, Designation, Schedule)

Goal 6: View the promotion - applications of constables/inspectors

Event 1: Enter Assistant Superintendent of Police ID (Assistant Superintendent of Police ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up

Event 4: Select “View the Application” in the dashboard.

Event 5: The scene loads the form (Application letter).

Goal 7: View the file of complaint against a Police Officer of this thana.

Event 1: Enter Assistant Superintendent of Police ID (Assistant Superintendent of Police ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up

Event 4: Select “Complains” in the dashboard.

Event 5: The scene loads the form (Complain information).

Goal 8: Check any government program to attend under the thana

Event 1: Enter Assistant Superintendent of Police ID (Assistant Superintendent of Police ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up

Event 4: Select “Government Program” in the dashboard.

Event 5: The scene loads the schedule.

User 04: Inspector

Workflow:

Goal 1: View all assigned FIRs (FIRs which are assigned to him)

Event 1: Enter Inspector ID (Inspector ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up

Event 4: Select “FIR” in the dashboard.

Event 5: The scene loads the FIR list (Name, Gender, FIR).

Goal 2: File a leave application

Event 1: Enter Inspector ID (Inspector ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login

Event 4: Select “Application for Leave” in the Dashboard.

Event 5: The scene loads the form (Reason for leave) and press submit.

Goal 3: View the General Diary (GD)

Event 1: Enter Inspector ID (Inspector ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login

Event 4: Select “General Diary” in the dashboard.

Event 5: The scene loads the form (Name, Gender, Reason for general diary).

Goal 4: Apply for a promotion

Event 1: Enter Inspector ID (Inspector ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login

Event 4: Select “Apply for Promotion” in the dashboard.

Event 5: The scene loads the form (Name, Gender, Designation, Application for promotion).

Goal 5: View cyberbullying cases

Event 1: Enter Inspector ID (Inspector ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login

Event 4: Select “Cyberbullying cases” in the dashboard.

Event 5: The scene appears with a case file.

Goal 6: Check salary amount

Event 1: Enter Inspector ID (Inspector ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login

Event 4: Select “Check salary amount” in the dashboard.

Event 5: Display Amount of Salary.

Goal 7: Submit the investigation report to OC

Event 1: Enter Inspector ID (Inspector ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login

Event 4: Select “File a Case” in the dashboard.

Event 5: Then the scene loads the details of the victim (Name, age, gender, contact, Issue) and press submit.

Goal 8: View criminal information

Event 1: Enter Inspector ID (Inspector ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login

Event 4: Select “Criminal Information” in the dashboard.

Event 5: The scene loads the detailed information about the criminal (Name, Gender, Age, Reason)

Goals and workflow

For user 1 : Sub Inspector (SI)

Goal 1. Case file to the police station

Workflow :

Event 01: Enter ID then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Goal 2. Case Investigation.

Workflow:

Event 01: Enter ID then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Goal 3. Arrest warrant criminal.

Workflow:

Event 01: Enter ID then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login successful, the dashboard shows up.

Goal 4. Patrolling to Highways .

Workflow:

Event 01: Enter ID and then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button,
else if login successful, the dashboard shows up.

Goal 6. If there is any criminal activities around police station area.
Their duty is to tackle that.

Workflow:

Event 01: Enter ID and then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button,
else if login successful, the dashboard shows up.

Goal 7. Their duty is to ensure security of shopping mall &
peaceful places before Eid or Puja &
any other religious festival.

Workflow:

Event 01: Enter ID and then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button,
else if login successful, the dashboard shows up.

Goal 8. People who come to police station, their duty is to assist them
& help Officer in Charge
to run police station successfully.

Workflow:

Event 01: Enter ID and then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button,
else if login successful, the dashboard shows up.

For user 2 : Finance officer

Goal 1. Assisting in the preparation of budgets.

Workflow:

Event 01: Enter ID and then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button,

else if login successful, the dashboard shows up.

Event 4: Select “ preparation budget “ in the dashboard.

Goal 2. Managing records and receipts.

Workflow:

Event 01: Enter ID and then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button,

else if login successful, the dashboard shows up.

Goal 3. Reconciling daily, monthly and yearly transactions.

Workflow:

Event 01: Enter ID and then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button,

else if login successful, the dashboard shows up.

Goal 4. Preparing balance sheets.

Workflow:

Event 01: Enter ID and then press login.

Event 02: Validate input (ID should not have any letters or symbols).

Event 03: If login fails, the scene reloads with “Incorrect ID” text placed above the login button,
else if login successful, the dashboard shows up.

Workflow:

Goal 1: View all FIRs

Event 1: Enter Officer in Charge of Police ID (OC ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up.

Event 4: Select the “View all FIR” in the dashboard. (List of cases)

Event 5: Then the page will redirect to FIR id, name of victim, name of perpetrator, incident.

Goal 2: Assign an inspector tUser: Officer in Charge (OC)

o an FIR

Event 1: Enter Officer in Charge of Police ID (OC ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up

Event 4: Select dropdown list labelled as "Assign inspectors' in the dashboard.

Event 5: Choose ‘Select an Inspector’.

Event 6: Click on ‘Save the changes.’.

Goal 3: Joining information of the officers of the thana

Event 1: Enter Officer in Charge of Police ID (OC ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up

Event 4: Select the “Officers Information” in the dashboard.

Event 5: Then scene load the information (Name, Gender, Designation, Joining date).

Goal 4: View all pending leave applications submitted by inspectors and constables

Event 1: Enter Officer in Charge of Police ID (OC ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up

Event 4: Select “Show all pending applications” in the dashboard.

Goal 5: : Reply to leave applications

Event 1: Enter Officer in Charge of Police ID (OC ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up

Event 4: Select “View the Application” in the dashboard.

Event 5: Select “Reply to this message”.

Event 6: Choose “Send”.

Goal 6: Checking for the duty schedules of officers.

Event 1: Enter Officer in Charge of Police ID (OC ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up

Event 4: Select the “Regular routine of duty” in the dashboard.

Event 5: Then scene load the routine. (Name, Gender, Designation, Schedule)

Goal 7: File the crime statistics of a (specific individual) month (in the thana's jurisdiction)

Event 1: Enter Officer in Charge of Police ID (OC ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up

Event 4: Select “Choose the following input fields: month (the month for which he wants to write statistics for), year (the year of the month for which he wants to write statistics for), no. of murder, no. of rape no. of burglary no. of larceny, no. of possession of narcotics, no. of other crimes in the dashboard.

Event 5: The scene loads the form (Complain information).

Goal 8: Check any government program to attend under the thana

Event 1: Enter Officer in Charge of Police ID (OC ID), then press login.

Event 2: Validate input (ID should not have any letters or symbols)

Event 3: If login fails, the scene reloads with “Incorrect ID” text placed above the login button, else if login is successful, the dashboard shows up

Event 4: Select “Government Program” in the dashboard.

Event 5: The scene loads the schedule.

User Profile 08 - Sergeant

Goal 1 - Control Waki Taki.

Event -

Goal 2 - Splitting Duty

Event -

Goal 3 - Managing Traffic System.

Event -

Goal 4 - Traffic System Record

Event -

Goal 5 - Check Duty Record

Event -

Goal 6 - Report Case

Event -

Goal 7 -

Event -

Goal 8 -

Event -

