



1) A

2) B

### 3) External interface Requirements

#### I. User Interfaces

On this user interface having permission requirement. For login accepted of the user name and password, And every interfaces having with specific permission and able to access according to that privilege.

- UI-1. **Police officer** user interface can have access those cases and its station and region, and can have access update the cases, setting appointment date and time, reporting the specific detectives and higher officials.
- UI-2. **Detective user** interface can have access case create update and case close according to his power of authority. To bring the case and criminal to the court and accept the decision of the court. Generate report of total case for filing on hard paper, also having access to raise the case again for further investigation if it is higher criminal acts are occurred.
- UI-3. **Supervisor user** interface able to supervise and every kind of investigation and though out the entire system and communicate with international criminal act. Like money laundry, drug, human trafficking, terrorism and so on.
- UI-4. **Administrator user** interface having to control the system and the database system. Manage, maintain, corrective action, update, access control and security issues can manage.



## II. Software Interfaces

This is the interfaces that can help to interact with the system, access the system through this interfaces. For example to feed the data to the system, and generate summary/report for specific task.

- SI-1. This is the **Main interface** that every policing activity can manage through this gate, at this main interface the user must have acknowledge the user by its user name and its password. Select from the choice to which service like to go.
- SI-2. This interface is the **Police Officer interface** at this window the officer can have its name and its position of its duty his/her police station of which state or region. At this window there are selected links, on these links or paths to locate for specific functionality. Like view report, create new case file and case study, case link with other investigation process if already linked with other type of crime and so on.
- SI-3. This interface is the **Detectives interface** on this interface detectives are interacting. They can follow their cases and every day activities of each of those cases. And the progress of the cases and decision of the court also its appointments and if evidences are attached that is the best option to look back.
- SI-4. This interface is the **supervisors interface**; at this point the supervisors are able to look criminal cases, each case progress, those appointments, court decisions and the criminal acts.
- SI-5. This interface is the **Admin interface**, at this user be able to manage the previous system is functional or not, if there is some problem happens corrective action will be maintain or to add another functionality

## III. Hardware interfaces

No hardware interface have been identified

## IV. Communication Interfaces

No hardware interface have been identified



#### 4) D

### 5) Other Nonfunctional Requirements

#### I. Performance Requirements

- PER-1. The system can handle up to 100 the maximum number of login session, with no time limit. Works 24 hours for 365 day.
- PER-2. The system can reply every request within 10 seconds 98.9%. And the system also having leased internet less 50Mps connection.
- PER-3. The system confirmation message to the user after 5 seconds

#### II. Safety Requirements

- SAF-1. Every link of the pathe for each specific functionality will be available when ever sam account has it. And each functionality are available for those account are accessible.

#### III. Security Requirements

- SEC-1. Users are secure when they are login on their account and having access to their permission of specific task.
- SEC-2. Only the path or the functionality provide for specific allowed permission, but if Any problems occured or some missuse of unplanned action will maintain by reporting the issue to the System Admin.

#### IV. Software Quality Attributes

This system developed to address the reporting sytem upgrade to trust full ways of communication and make the flow of the information to be systematic and structural organized ways of computerized and networked system. This system will give you reporting system every case created/updated. This means every criminal has to right to know why he/she arrested for spesific reason, also its family or lawyers canhave right to contact their client of criminal act. This makes the system trust full and for justification reason every body has right interacting with the system and deliver usefull information for exact body this include an ividence for the court.



## **V. Business rules**

To this firm working another developed system

**6) E**



## Data Flow Diagram (Access Request of the system)

