**CSE 308**

**Information System Development**

**Management of Judicial System**

A Report on

**Use Case**

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**Subsystems:**

* Case Filing Subsystem
* Cause List Generation Subsystem
* Magistrate Assignment Subsystem
* Document Collection Subsystem
* Trail Documentation Subsystem

**Actors:**

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| Actors | Work Flow |
| Plaintiff | File a case |
| Duty Officer | Receives a case→ Forms the FIR → Forwards the FIR |
| Officer in Charge (OC) | Forwards the FIR → Submits the charge sheet |
| General Report Officer(GRO) | Receives the FIR→ Forwards the list to the clerk office. |
| Metropolitan Chief Magistrate(CMM) | Assigns the magistrates→ Sends the list to clerk office |
| Judge (Magistrate) | Receives proper Documents → Add Updated Documents of the case →Gives Judgment |
| Greffier | Files the Judgment |
| Public | View documents ,cause list |
| Lawyer | Collects document |
| Accused | Collects Document |

**1.Case Filing Subsystem:**

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| **Use Case** | **Description** | **Participant actors and roles** |
| Case filing | The case is filed at the respective police station | * *Plaintiff*: Describes case * *Duty officer*: Receives and files the case |
| FIR Generation | FIR is made from the field case | *Duty officer:* Completes necessary info of the FIR |
| Forwarding FIR | The FIR is forwarded to the local magistrate office | * *Duty officer*: Forwards the Fir * *GRO:* Receives the FIR |

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| Charge Sheet Submission | After the submission, the police station submits the charge sheet to the GRO | *Officer in Charge*:  Forwards the FIR |



**1.Case Filing Subsystem:**

Documentation of the Use Case:

* **Conclusion: When the GRO receives the FIR**
* **Post-Condition: A plaintiff comes to file a case**
* **Implementation Issue: A well-secured desktop app (web-based) will be given to the police station**

**1.Case Filing Subsystem:**

Description:

* Plaintiff goes to the police station and duty officer hears his problem.
* Duty officer generates a FIR.
* Duty officer sends the FIR to the General report officer(GRO) of the corresponding zones
* Officer in Charge sends the Charge sheet and other documents to the Magistrate.

2.Cause List Generation Subsystem:

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| **Use Case** | **Description** | **Participant actors and roles** |
| Case Reception | The FIR with necessary details are received at the Magistrate office | GRO: Receives the FIR |
| Received Case List Sending | The Magistrate approved FIR is forwarded to the CMM for the rest of the processes. | GRO: Forwards the case list  Clerk Office: Maintains the docs flow |

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| Cause List generation | The case is categorized by respective laws and the logs are written to the cause-list | GRO: Categorizes the case & forwards the FIR to the Magistrate  Clerk Office: Maintains the docs flow  Magistrate: Monitors the  the cause list |



2.Cause List Generation Subsystem: Documentation of the Use Case:

* Conclusion: When the cause-list is generated
* Post-Condition: GRO must receive the FIR from the Police Station
* Implementation Issue: Two well-secured desktop apps (web-based) – each for the GRO & the Magistrate

2.Cause List Generation Subsystem:

Description:

* GRO receives the FIR from Police station.
* GRO sends the new case list to the clerk’s office.
* Clerk office gets the court list from the CMM .
* Together with the court list, the new case list and old list of old cases a cause list is generated.
* General public, lawyers, plaintiff and accused can view the Cause List.

**3.**Magistrate Assignment Subsystem:

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| **Use Case** | **Description** | **Participant actors and roles** |
| Cases (FIR) Reception | The case is categorized by respective laws. | * Magistrate: Sends authenticated documents to CMM * CMM: Receives files |
| Magistrate Assignment | Available Magistrate is assigned for respective cases | * CMM: Assigns available Magistrate |
| Court List Generation | Court list, the Magistrate assignment document, is generated | * CMM: Assigns available Magistrate |
| Magistrate Notification | The Magistrate is notified about the case schedule | * Magistrate: Gets notified |
| Public Notification | Interested people, as plaintiff, witnesses, accused, lawyers and so on are notified | * Plaintiff & Others: Gets notified |



3.Magistrate Assignment Subsystem Documentation of the Use Case:

* **Conclusion: When the Magistrate(s) and other people are notified about the court & cause list**
* **Post-Condition: CMM must have all the docs of all the cases**
* **Implementation Issue: A well-secured desktop app (web-based) each for CMM**

3.Magistrate Assignment Subsystem

Description:

* CMM have the list of magistrates. He assigns magistrate to different zones and creates a Court List.
* Court List is passed to the Clerk’s office.
* Magistrates, plaintiff and accused are notified by automated system.

**4.Document Collection Subsystem:**

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| **Use Case** | **Description** | **Participant actors and roles** |
| FIR Reception | FIRs are forwarded to the copy house | * Officer in Charge (OC): Sends the FIR |
| FIR Supplying | FIR are supplied from the copy house | * Copy Maker(s): Supply FIR to the claiming people with a money receipt |
| Charge Sheet Reception | Charge sheet is delivered within a time limit | * Officer in Charge (OC): Delivers the charge sheet to the copy house |
| Charge Sheet Supplying | The Magistrate is notified about the case schedule | * Copy Maker(s): Supply charge sheet to the claiming people with a money receipt |
| Pay Fee | Bill payment for the necessary doc print outs | * Manual |

**4.Document Collection Subsystem:**

Documentation of the Use Case:

* Conclusion: A non-ending process
* Post-Condition: All necessary documents must reach the copy house.
* Implementation Issue: A public web-page to get the documents and a manual authentication table to authorize the docs.

**4.Document Collection Subsystem:** Description:

* Public goes to the copy maker’s office and pay money in the bank for authenticated documents.
* Copy maker makes the copy of the documents and send it to the comparer.
* Comparer compares the document and sends it to the judge’s office
* Judge authenticates the documents.
* Plaintiff and others receive the documents from the judge’s office.

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**5.Trail Documentation Subsystem:**

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| **Use Case** | **Description** | **Participant actors and roles** |
| Judgment Procedure | Judgment of case proceeds according to the laws. | * Magistrate: Conducts the procedure * Plaintiff & Others: Participate in the procedure as per laws |
| Judgment Documentation | The plaintiff, accused & witness statements along with the judgment result is documented | * Greffier: Files the detailed results |
| Case Database | Supplies necessary documents & saves the results of the case | * Greffier: Files the detailed results * Judge (Magistrate): Gets necessary docs. |



**5.Trail Documentation Subsystem:**

Documentation of the Use Case:

* Conclusion: When the result of the case is filed by the greffier
* Post-Condition: The post-trial activities completes
* Implementation Issue: A well-secured desktop app (web-based) will be given to the Judgment room

**5.Trial Documentation Subsystem:**

Description:

* Judge takes witness statements form accused and plaintiff and add the documents to the case file.
* Greffier manages all the case files and other documents.
* Lawyer, plaintiff and accused can view documents add by the judge.