



Software Engineering Laboratory

CS3074

Judiciary Information System

Data Flow Diagram

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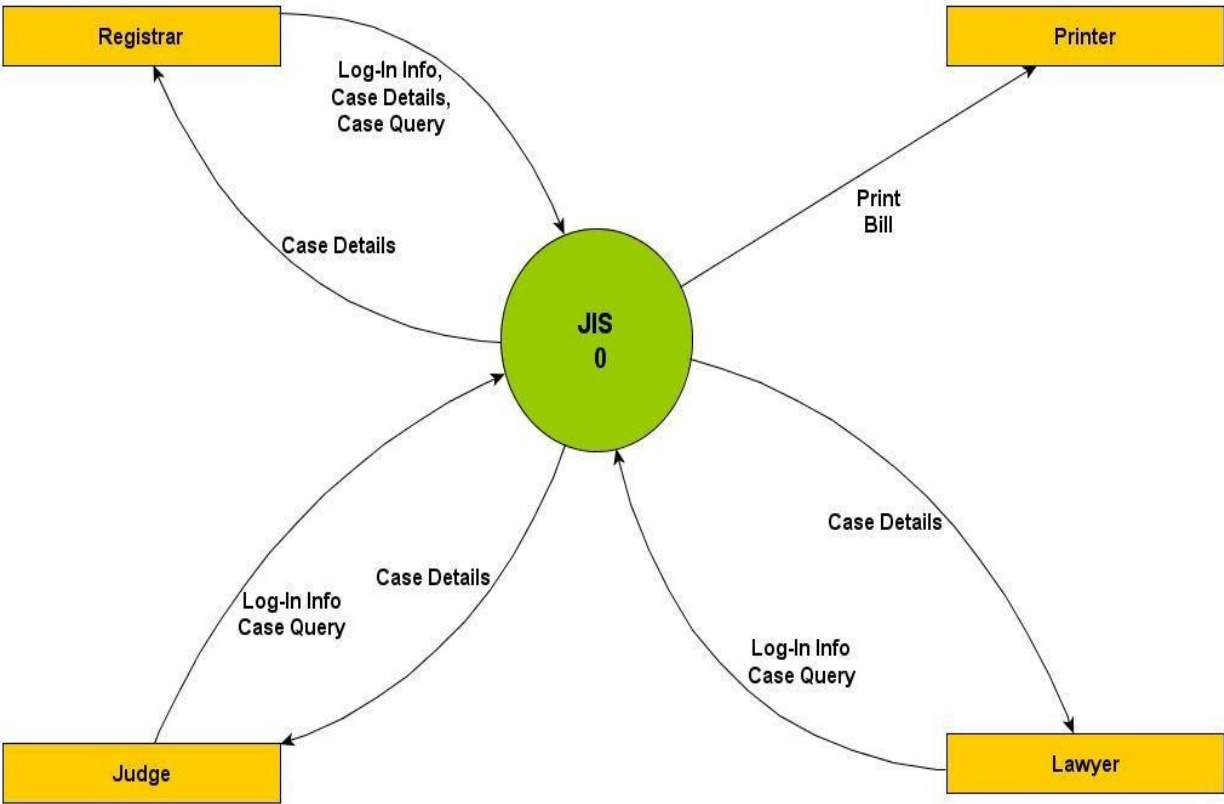
Data Dictionary

Prayas Bhoi

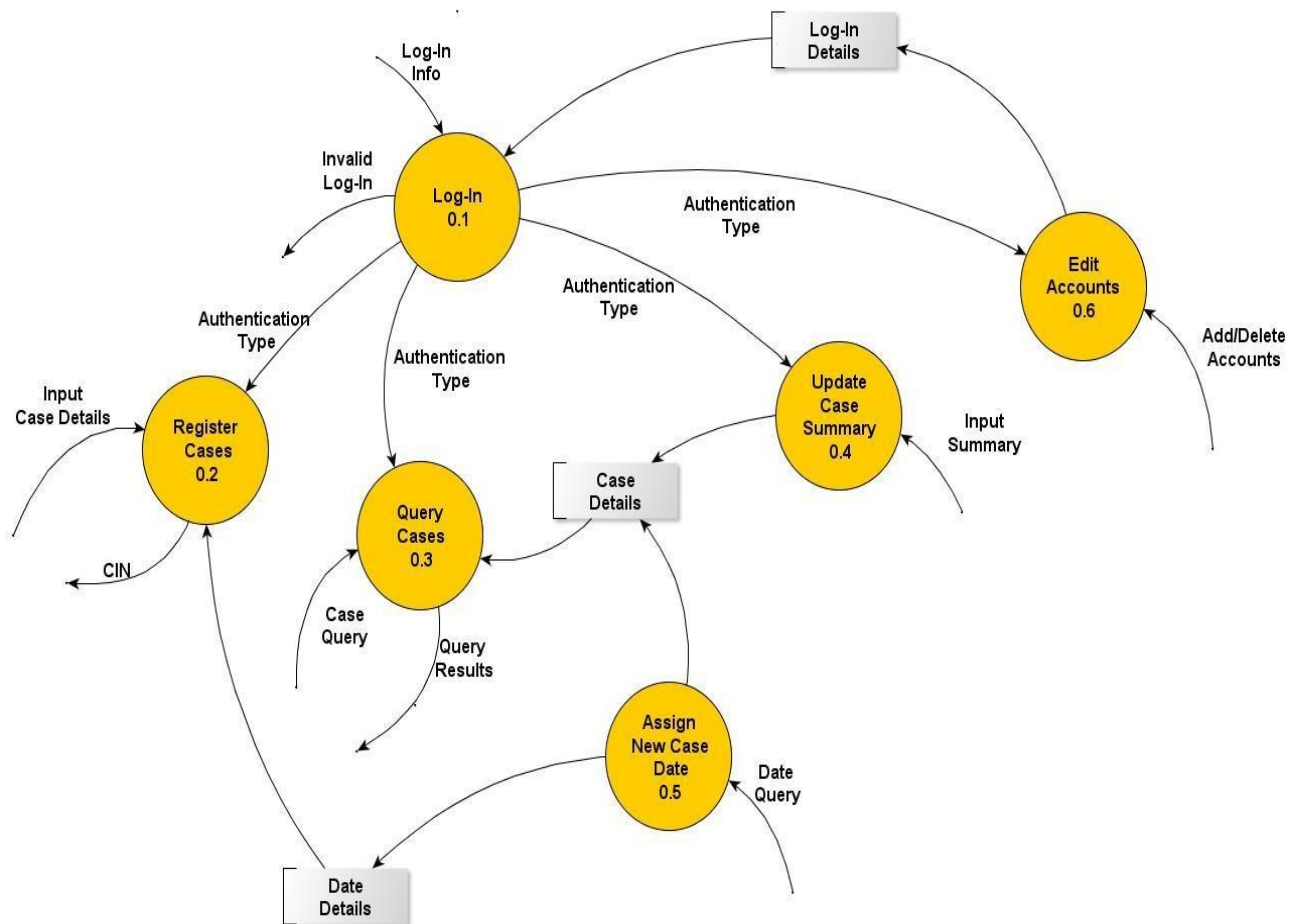
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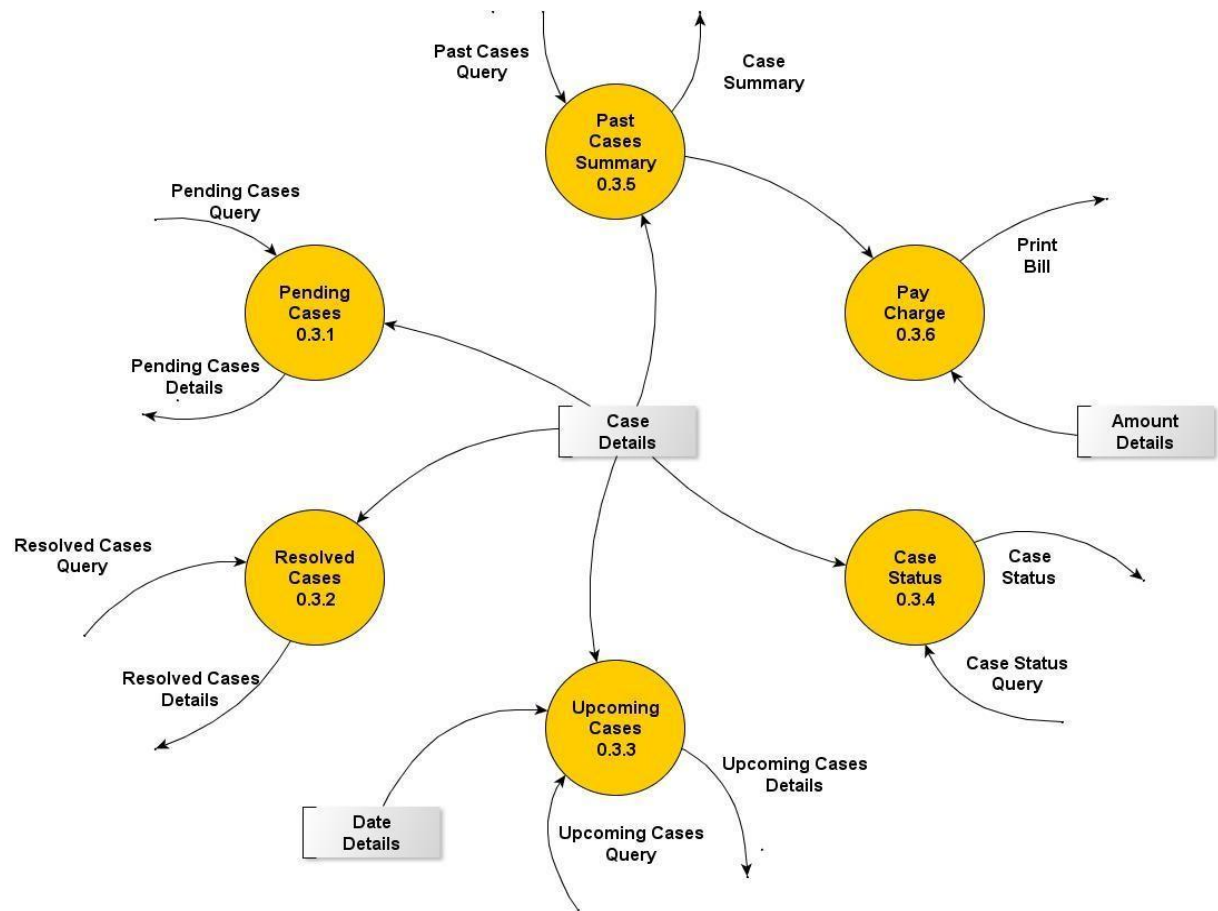
1.0. Level 0 DFD



2.0. Level 1 Diagram



3.0. Level 2 Diagram



4.0. Data Dictionary

Log-In Info : Username + Password

Invalid Log-In : Message

Authentication Type : [Registrar, Judge, Lawyer]

Input Case Details : Defendant's Name + Defendant's Address + Crime Type + Crime Date

+ Crime Location + Arresting Officer's Name + Date of Arrest

Case Query : [Pending Cases Query, Resolved Cases Query, Upcoming Cases Query, Case Status Query, Past Cases Query]

Query Results : [Pending Cases Details, Resolved Cases Details, Upcoming Cases Details, Case Status, Case Summary]

Date Query : Integer

Input Summary : String

Pending Cases Query : Boolean

Resolved Cases Query : Boolean

Upcoming Cases Query : Date

Case Status Query : CIN

Past Cases Query : CIN

Pending Cases Details : Case Starting Date + Defendant's Name + Address + Crime Details + Lawyer's Name + Public Prosecutor's Name + Attending Judge's Name

Resolved Cases Details : Case Starting Date + CIN + Judgement Delivering Date + Attending Judge's Name + Judgement Summary

Upcoming Cases Details : CIN **Case**

Status : [Pending, Closed, Due]**Case**

Summary : CIN + String

Print Bill : Lawyer's Name + Amount Charged + Amount Left

CIN : Integer

Lawyer's Name : First Name + (Middle Name) + Last Name **Attending**

Judge's Name : First Name + (Middle Name) + Last Name **Amount**

Charged : Integer

Amount Left : Integer

Date : Day + Month + Year

Day : Integer

Month : Integer

Year : Integer

Message : String

