Judiciary Information System (JIS)

STRUCTURED ANALYSIS
AND
STRUCTURED DESIGN

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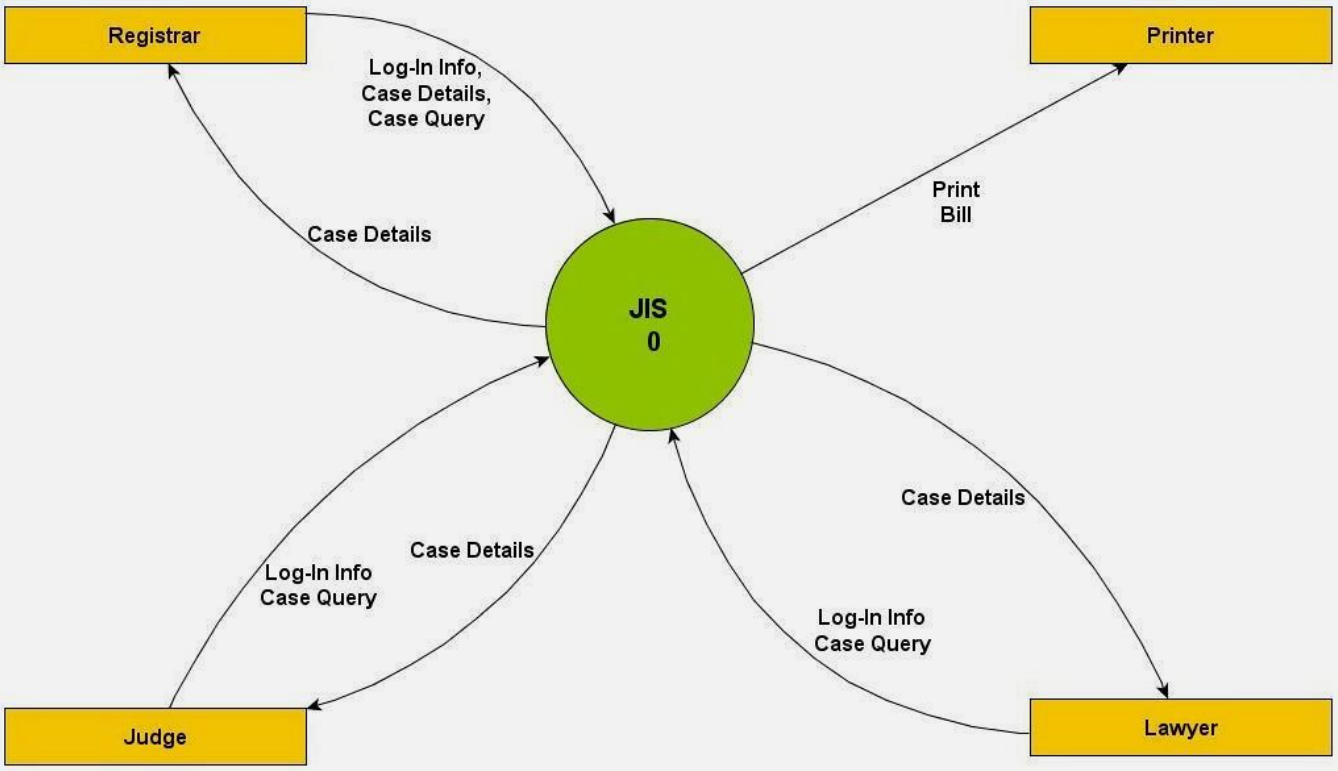
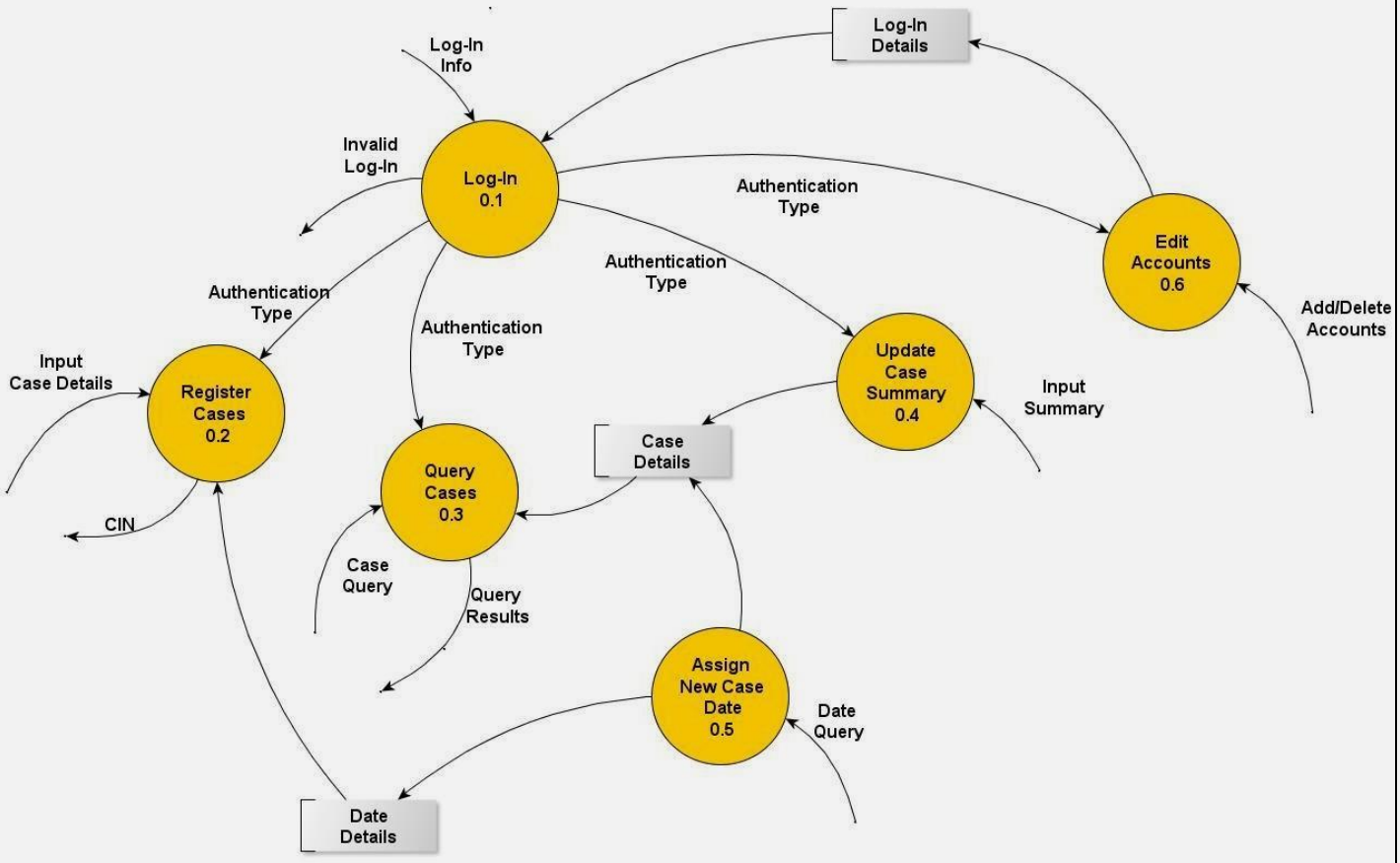
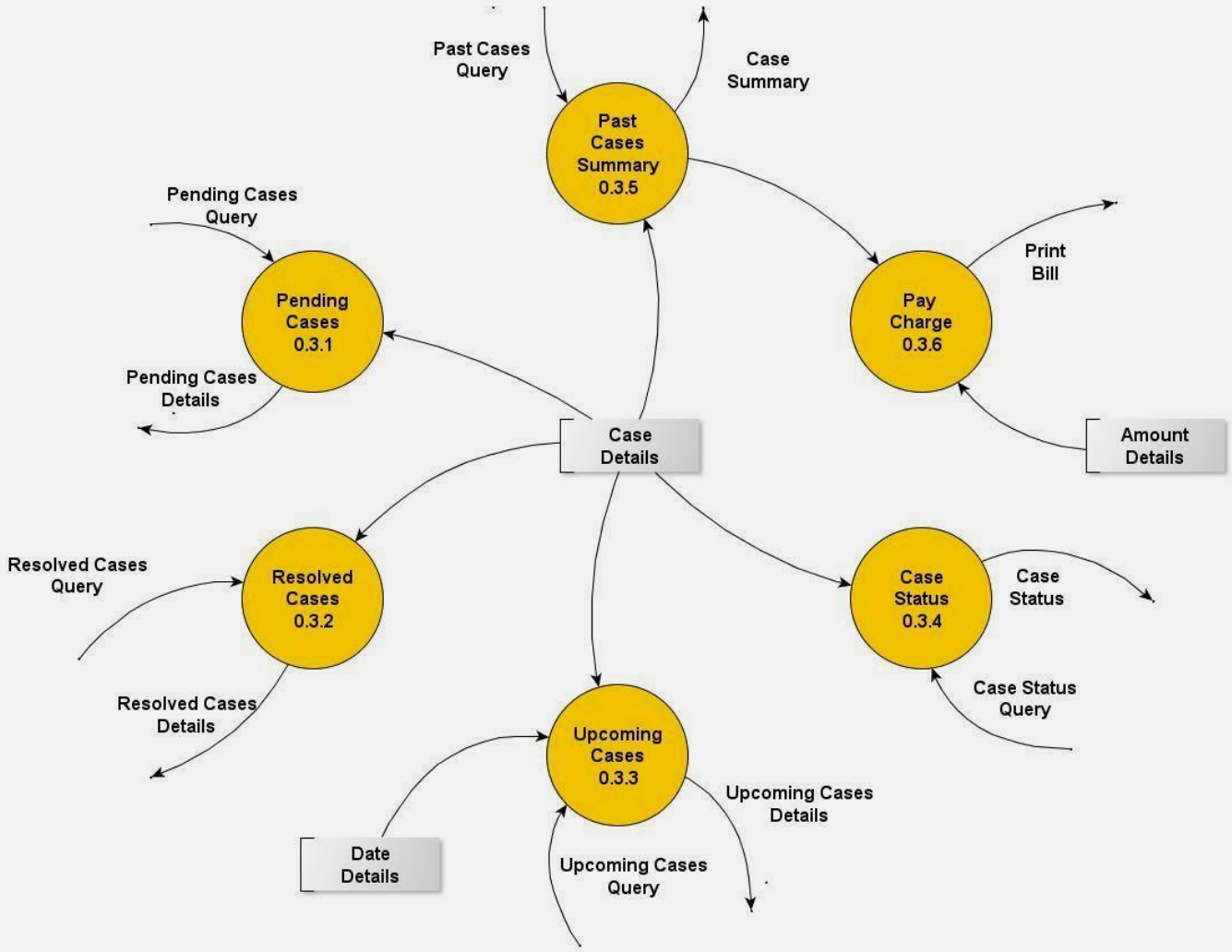
1.0. Context Diagram



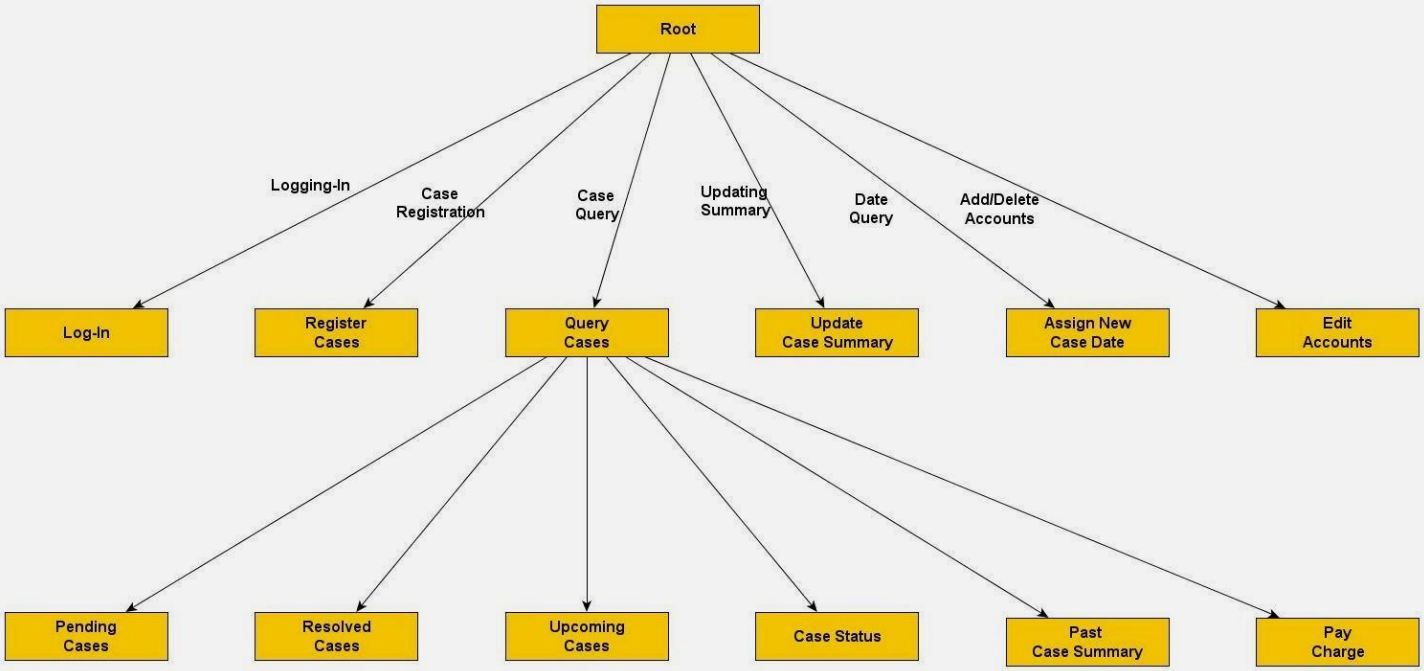
2.0. Level 1 Diagram



3.0. Level 2 Diagram



4.0. Structure Chart



5.0. 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