Dataflow
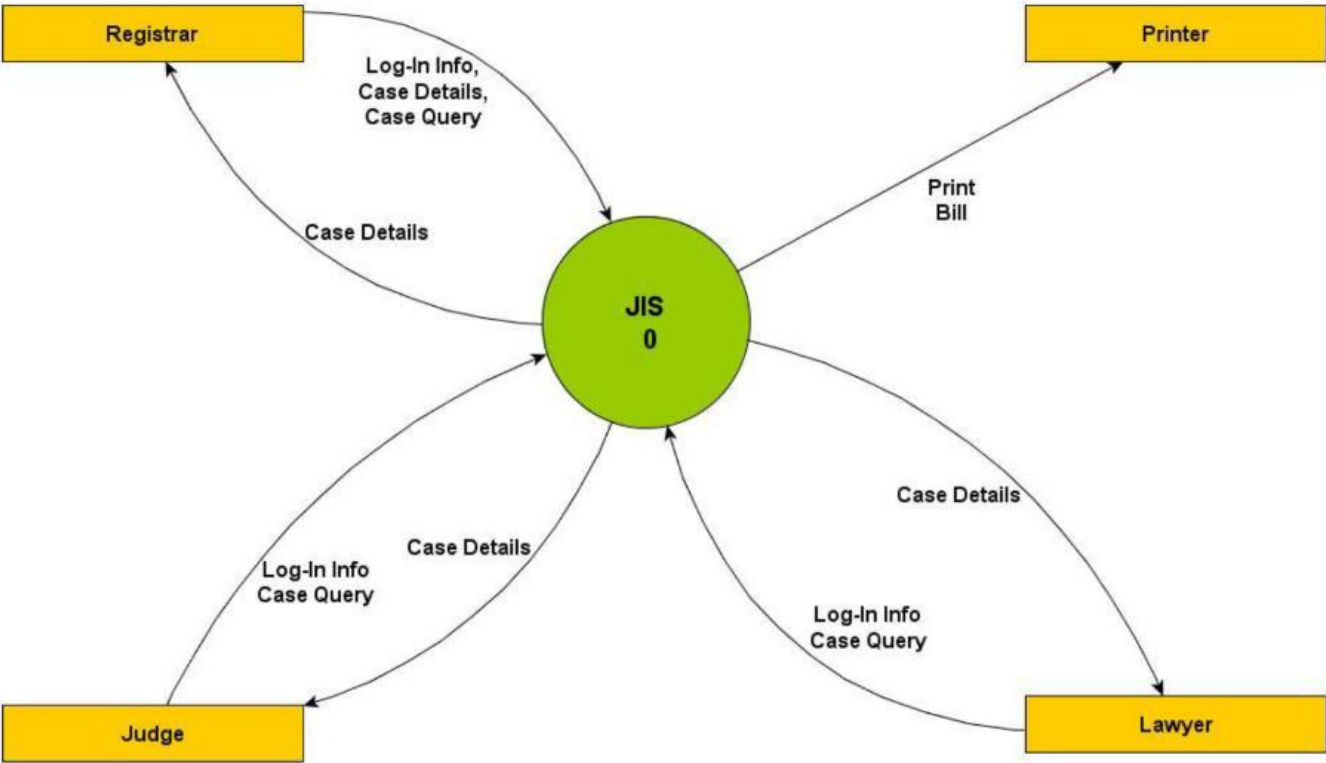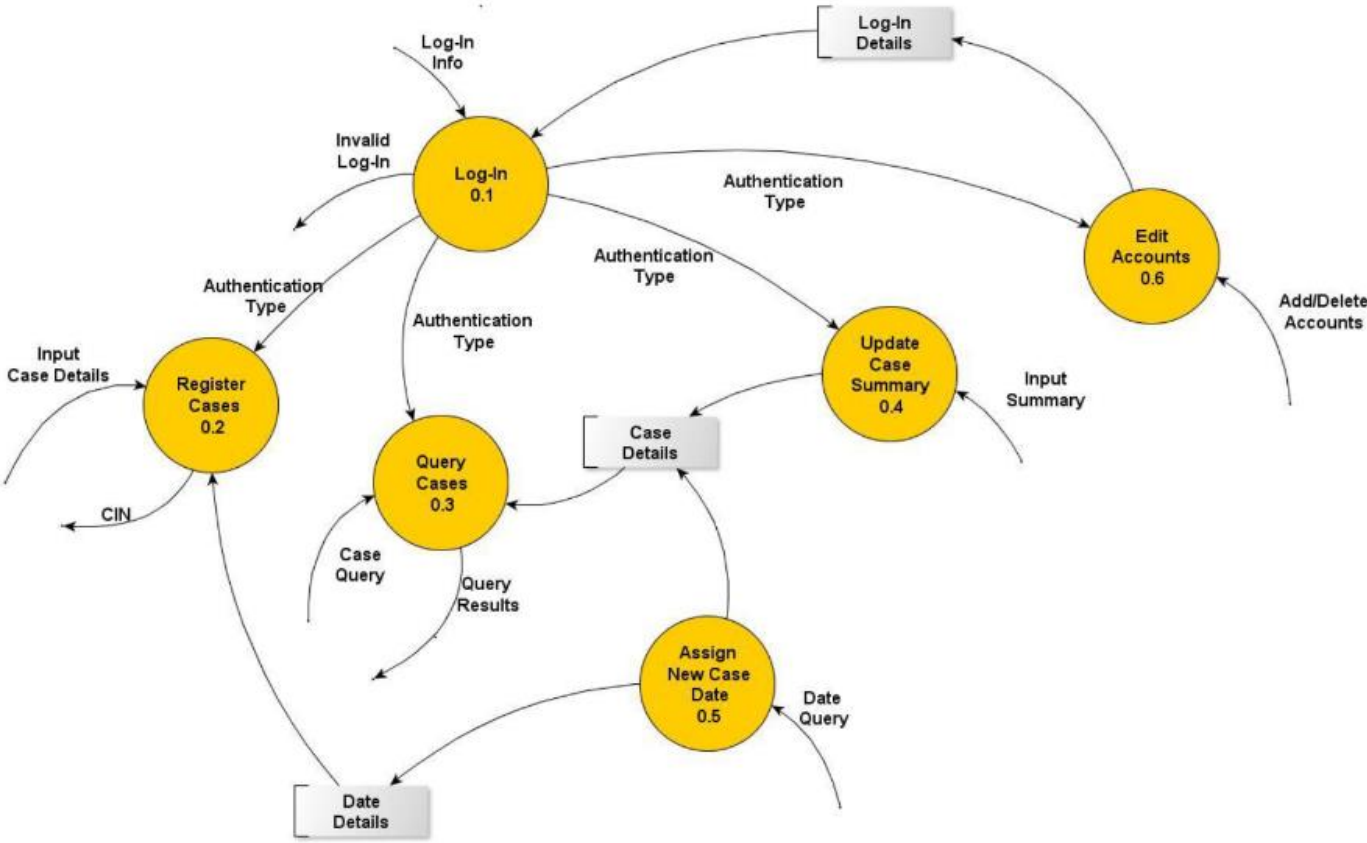# Diagram for
Judiciary Information System(JIS)

Name: Samarth Mishra
Roll No: 120CS0182
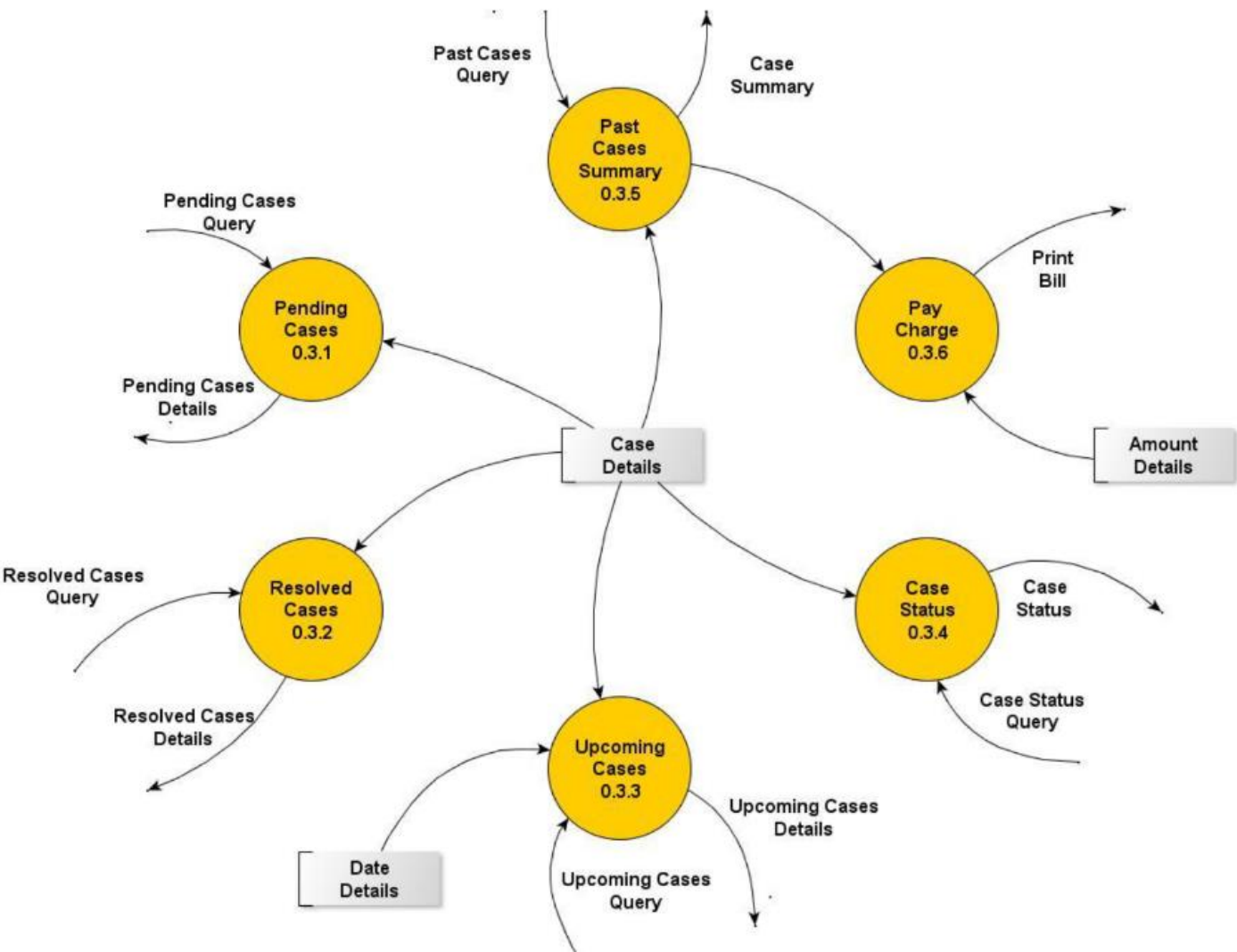
Level 0 DFD (Context Diagram):

Level 1 DFD:

Level 2 DFD:

Data Dictionary

1. **Log-In Info : Username + Password**
2. **Invalid Log-In : Message**
3. **Authentication Type : [Registrar, Judge, Lawyer]**
4. **Input Case Details : Defendant's Name + Defendant's Address + Crime Type + Crime Date +Crime Location + Arresting Officer's Name + Date of Arrest**
5. **Case Query : [Pending Cases Query, Resolved Cases Query, Upcoming Cases Query, Case Status Query, Past Cases Query]**
6. **Query Results : [Pending Cases Details, Resolved Cases Details, Upcoming Cases Details, Case Status, Case Summary]**
7. **Date Query : Integer**
8. **Input Summary : String**
9. **Pending Cases Query : Boolean**
10. **Resolved Cases Query : Boolean**
11. **Upcoming Cases Query : Date**
12. **Case Status Query : CIN**
13. **Past Cases Query : CIN**
14. **Pending Cases Details : Case Starting Date + Defendant's Name + Address + Crime Details + Lawyer's Name + Public Prosecutor's Name + Attending Judge's Name**
15. **Resolved Cases Details : Case Starting Date + CIN + Judgement Delivering Date + Attending Judge's Name + Judgement Summary**
16. **Upcoming Cases Details : CIN**
17. **Case Status : [Pending, Closed, Due]**
18. **Case Summary : CIN + String**
19. **Print Bill : Lawyer's Name + Amount Charged + Amount Left**
20. **CIN : Integer**
21. **Lawyer's Name : First Name + (Middle Name) + Last Name**
22. **Attending Judge's Name : First Name + (Middle Name) + Last Name**
23. **Amount Charged : Integer**
24. **Amount Left : Integer**
25. **Date : Day + Month + Year**
26. **Day : Integer**
27. **Month : Integer**
28. **Year : Integer**
29. **Message : String**