DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGY

IT314 – SOFTWARE ENGINEERING

GROUP - 13

JOB MATCHING PLATFORM
- CAREERXPERT -

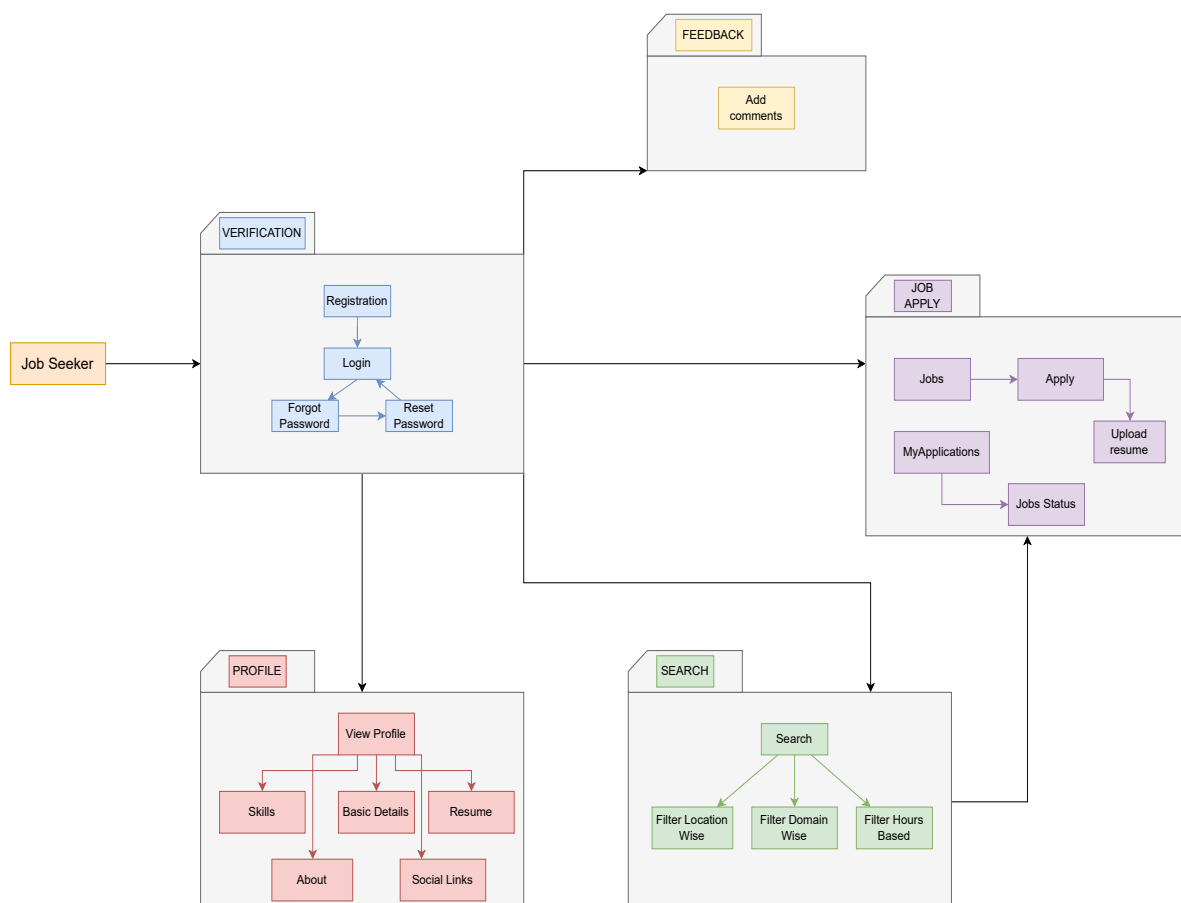PROFESSOR – SAURABH TIWARI   MENTOR – SARTHAK

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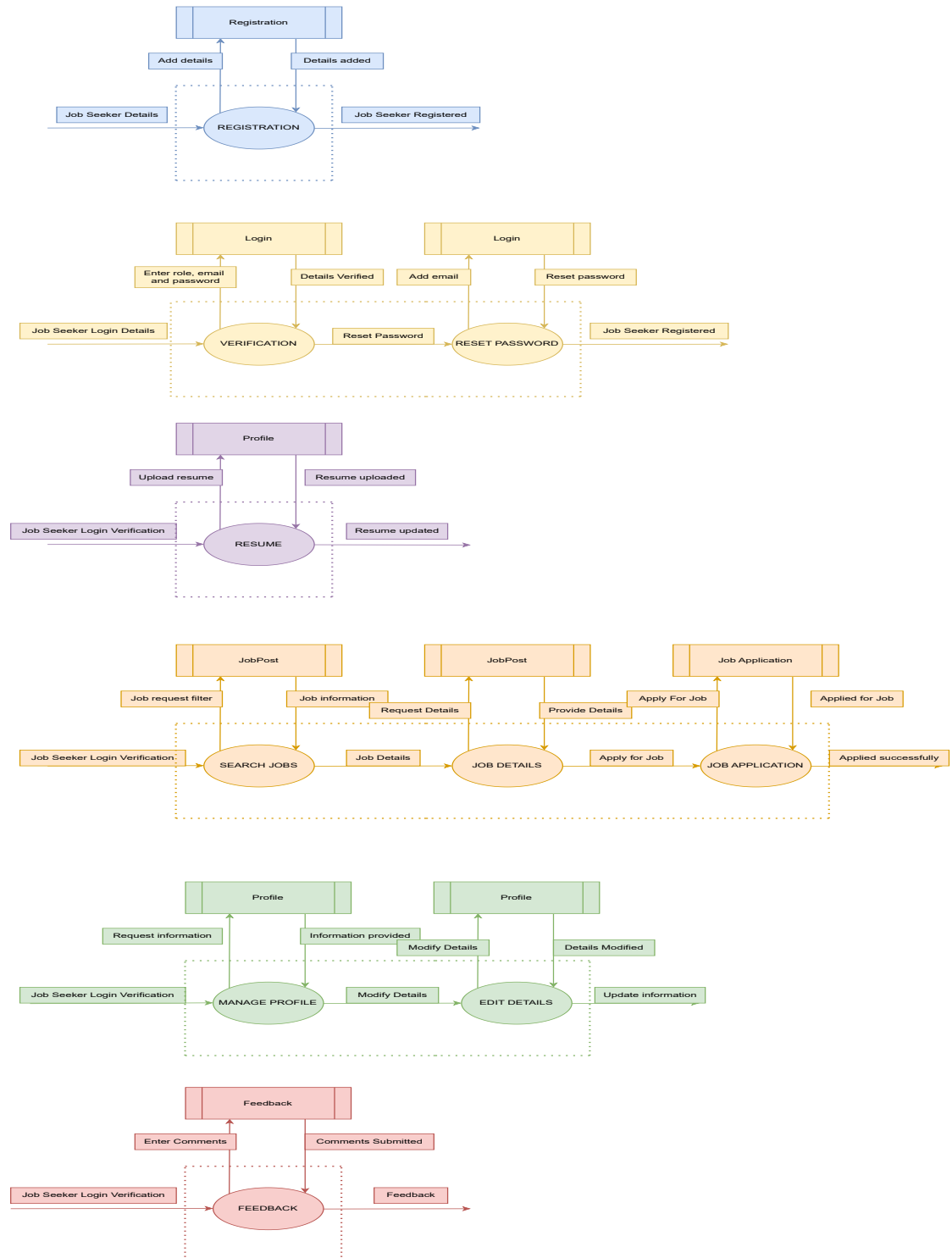202201258 – MARMIK VASAVA

DESIGN

System Design

Systems design is the process or art of defining the architecture, components, modules and data for a system to satisfy specified requirements. Object-oriented analysis and design (OOAD) methods are becoming the most widely used methods for computer system design. System design includes choosing certain trade-offs such as functionality vs. usability, consistency vs availability etc. Our system design takes care of the coupling and coherence as it includes high cohesion and less coupling. We have used data flow diagrams to show how the data flows within the information systems which can be understood by both technical and non – technical users.
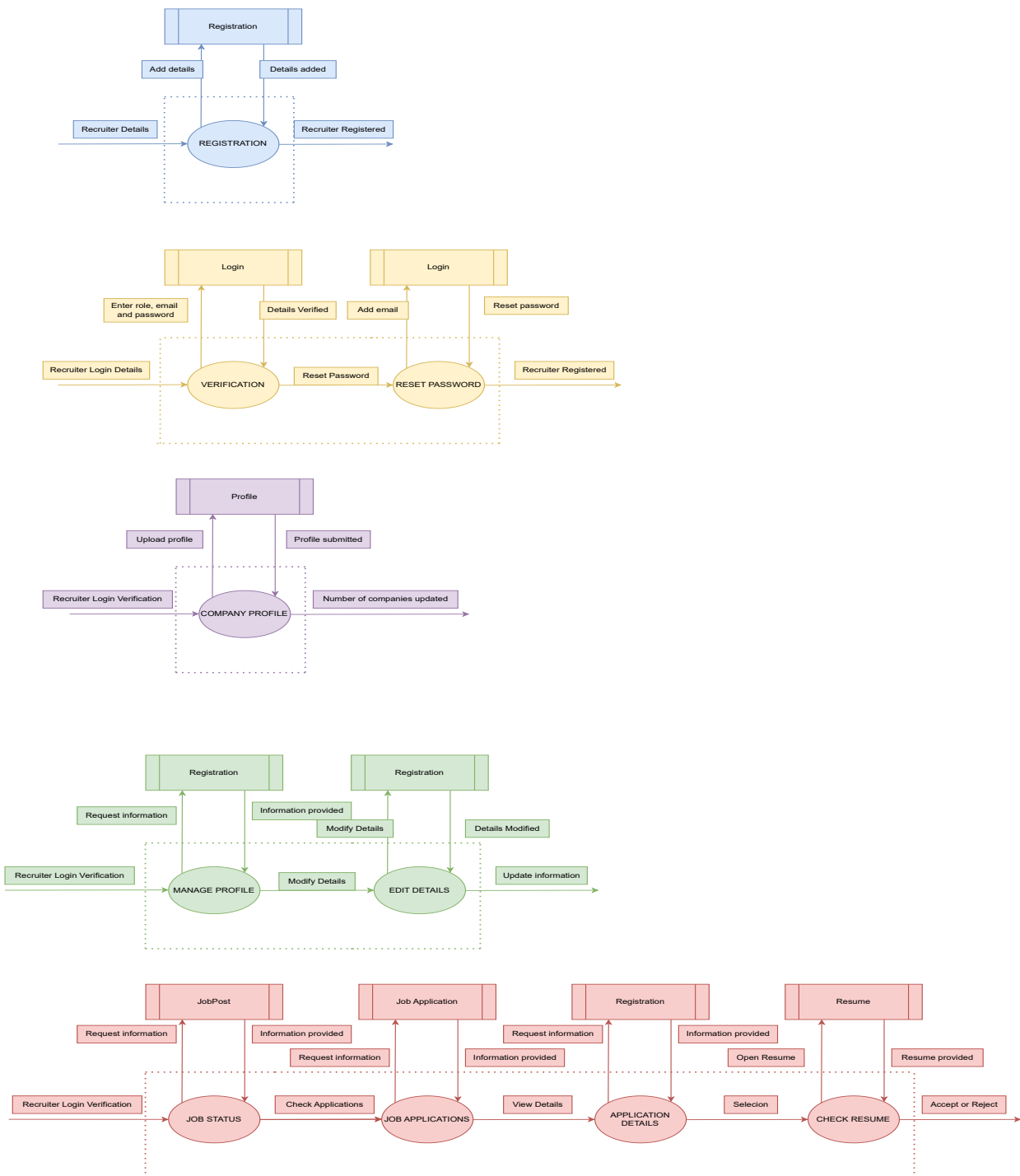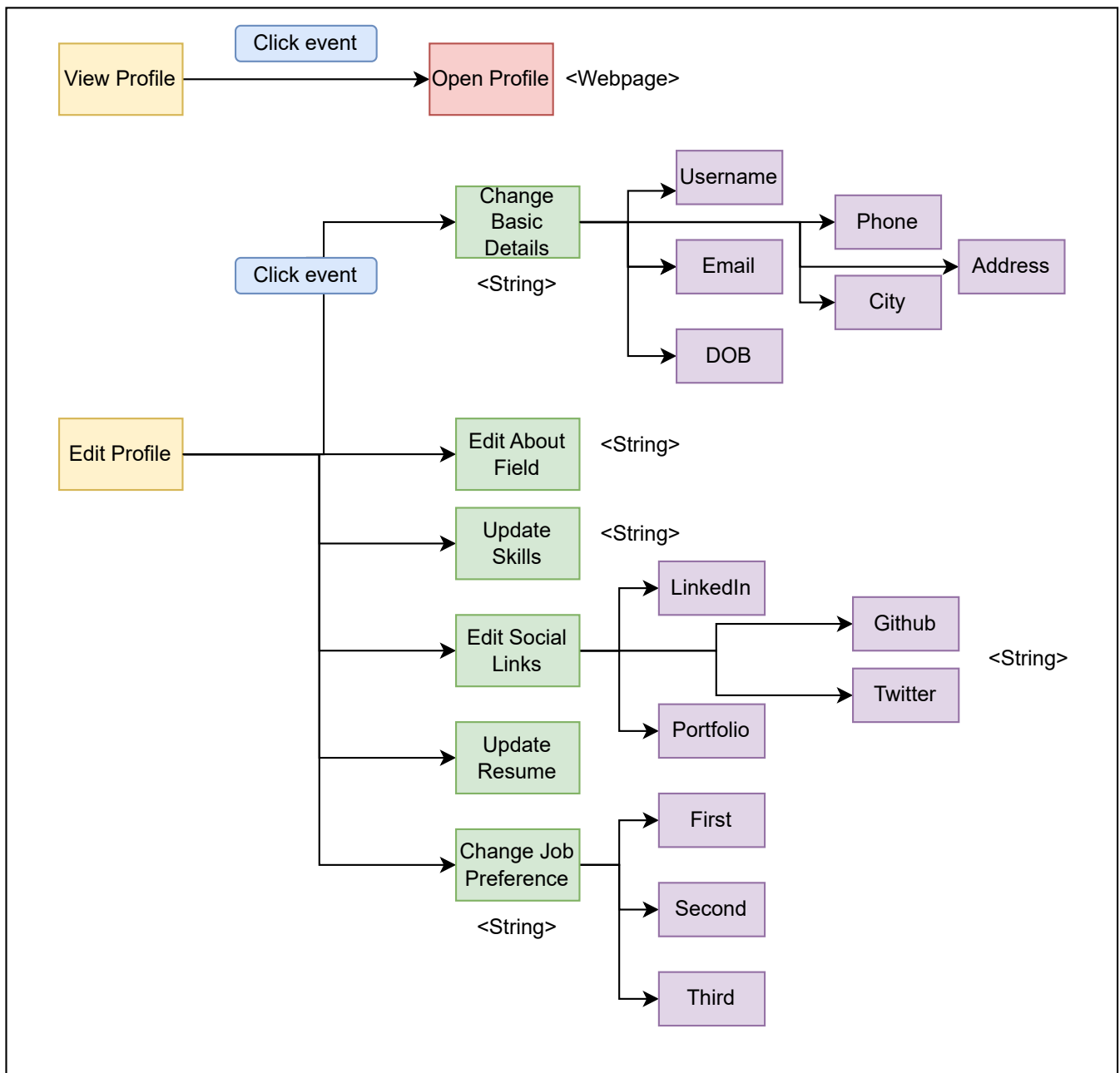
Data Flow Diagram

Job Seeker

Recruiter

Object Design

Object design is concerned with the detailed design of the objects and their interactions. Object design is particularly concerned with the specification of attribute types, how operations function, and how objects are linked to other objects. Given below is the object design for Profile Management and Search Management subsystems.

Profile Subsystem

Search Subsystem