Fresh Grads – Group Project

University Course application Program

Capgemini

Problem Statement

To Create an Application for University Course Selection.

The Applicant should be able to search University Program for

Which applicant wishes to take admission. Applicant can apply online and fill up the form, without any login.

The Staff can add/update/delete any Course/Program that University offers.

Admission Committee members have responsibility to filter the Candidates/applicants for a specific program on basis of application data

1. Course/Program Management

2. Applications Filtering management

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Road Map

Application will be developed in following Sprints –

1. Core Java +JPA with Hibernate
2. Spring Boot + Rest Controller + JPA with Hibernate
3. Angular for UI design (Front End) + Integration with previous Sprint

Plan

1. Design
    1. Generate the skeleton as per class design provided

2. TDD approach
    1. Identify test cases for each module
    2. Write Failing Test cases
    3. Convert the Test Cases in GREEN

3. Implement the case study in incremental manner

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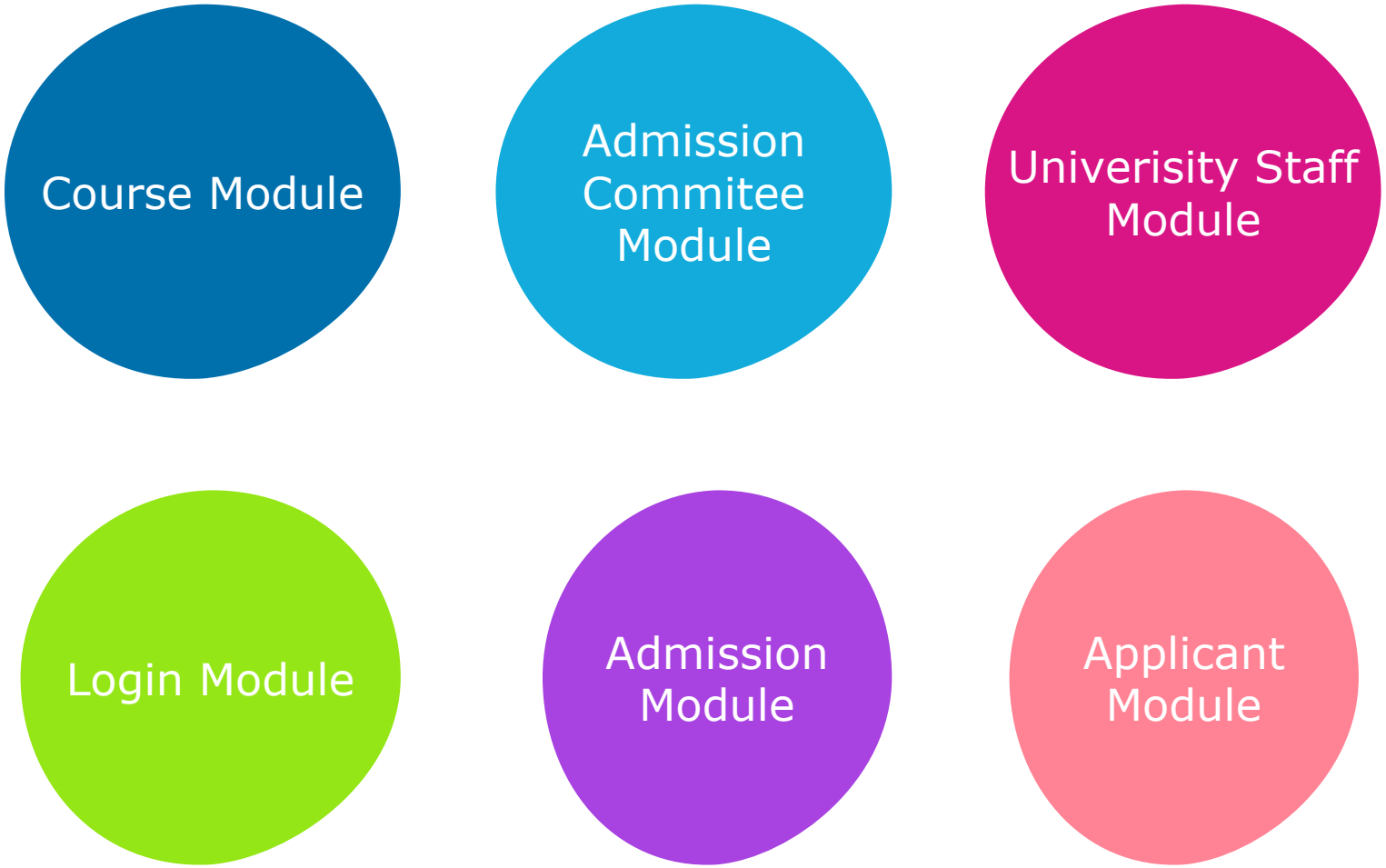
Modules



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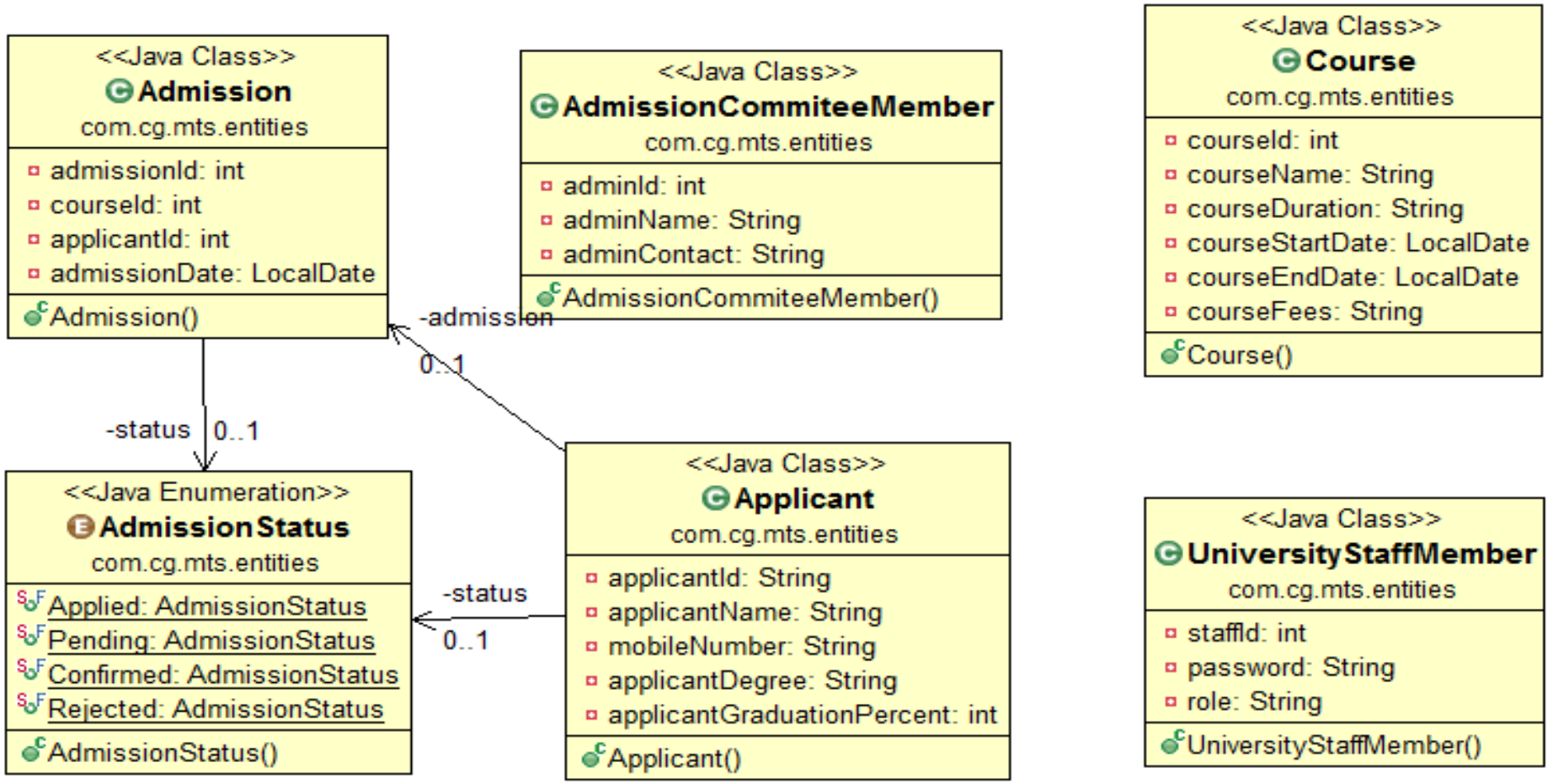
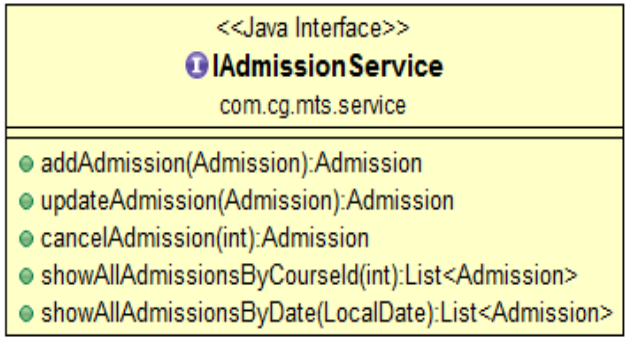
Class Design

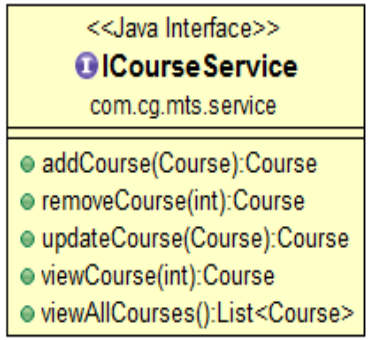
POJO Classes:

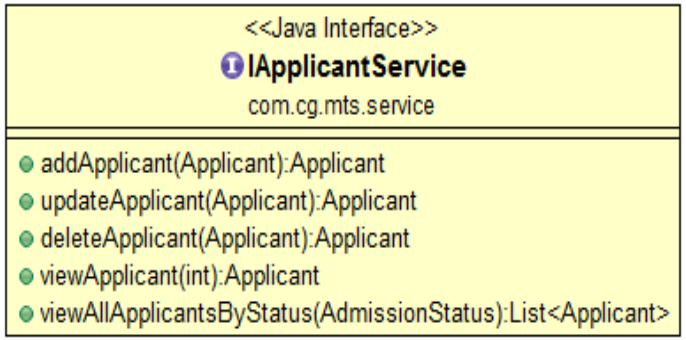


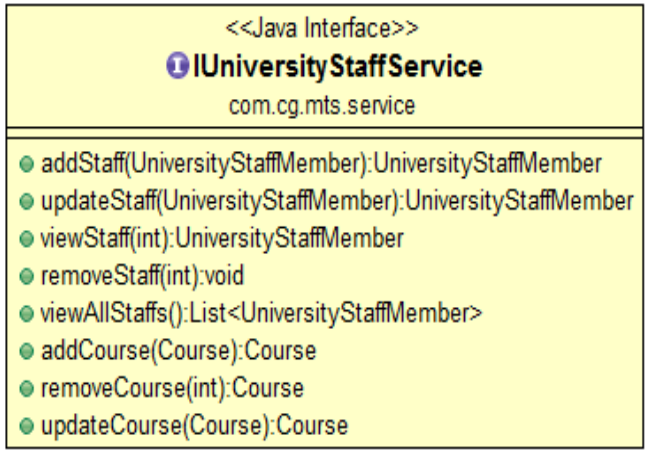
Class Design

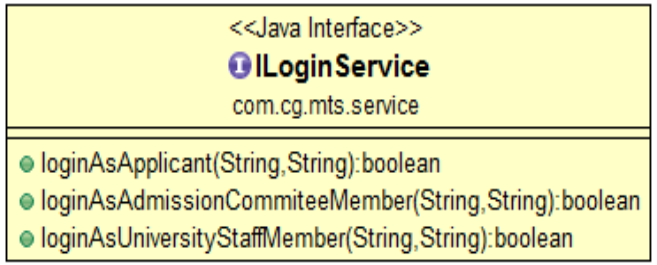
Service Interface:





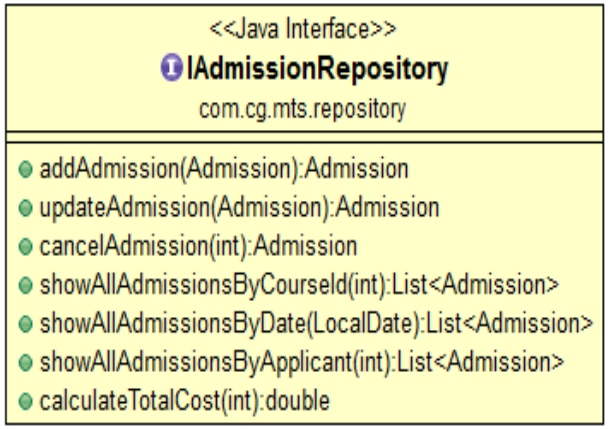


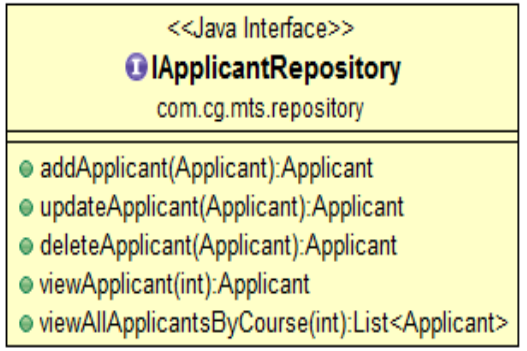


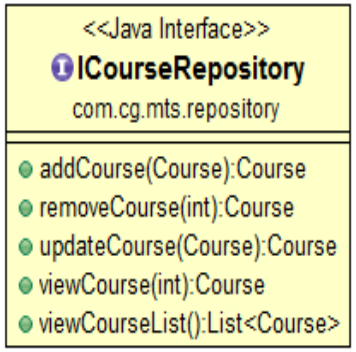


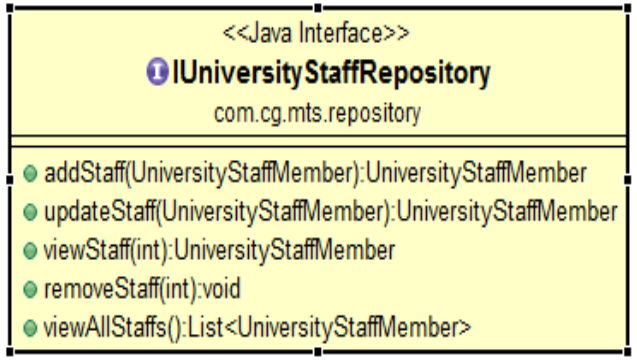
Class Design

Repository:









Questions

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