Learning plan

Domain: Education

Idea: University Management System

Language : Java

Frontend: Swing

Database: MySQL

IDE: NetBeans

Features :

1. Splash screen

2. Login and signup

3. New faculty and new student admission

4. Student details and teacher details (add update delete)

5. Attendance (student and teacher)

6. Examination (details like result ,marks)

7. Update details (student and teacher)

8. Fee structure

9. Student fee form

10. Utility (notepad ,calculator ,browser)

11. About

12. Exit

Details :

1.Mentors:

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P.S. The emails have been gathered from their contact as most of them are not yet active in the group.

4.Plan:

Date	Topics/Assignment
15/06/2020	Finalization of project and Cover basics of GitHub
16/06/2020	✓ Complete GitHub , **Assignment 1 on GitHub**
17/06/2020	
18/06/2020	Assignment submission and **Cover Basics of JAVA**
19/06/2020	✓ Introduction to Java ✓ Java Virtual Machine(JVM) Basics ✓ First Java Program
20/06/2020	✓ Variables in Java ✓ Java Data Types ✓ Java Operators ✓ .If-else in Java
21/06/2020	✓ Switch-Case in Java ✓ Java For loop. ✓ Java While loop ✓ do-while loop in Java ✓ Java Continue statement. ✓ Java Break statement Assignment 2 on above topics.
22/06/2020	
23/06/2020	Assignment 2 submission
24/06/2020	✓ **Cover *OOPs* basics** ✓ Constructor in Java ✓ Static keyword in Java
25/06/2020	✓ Access modifiers in Java ✓ Java Inheritance with example ✓ Types of inheritance in Java
26/06/2020	✓ Aggregation in Java ✓ Association in Java ✓ Super Keyword in Java
27/06/2020	✓ Method overloading in Java ✓ Method overriding in Java ✓ Java – Method Overloading vs Method Overriding ✓ final keyword
28/06/2020	✓ Polymorphism in Java ✓ Types of polymorphism in Java ✓ Static and dynamic binding
29/06/2020	✓ Abstract class in Java ✓ Java Abstract method with example
30/06/2020	✓ Interface in Java ✓ Java – Abstract class vs interface
31/06/2020	✓ Java Encapsulation with example ✓ Java Packages with examples
01/07/2020	✓ Exception Handling in JAVA ✓ Garbage Collection in Java Assignment 3 on OOPs Concept
02/07/2020	
03/07/2020	Assignment 3 submission ✓ String in Java
04/07/2020	✓ Java Multithreading

05/07/2020	✓ Collections in JAVA ✓ Java autoboxing and unboxing
06/07/2020	✓ Wrapper Class in Java & JDBC
07/07/2020	✓ Java AWT Tutorial
09/07/2020	✓ Java Swing Tutorial
11/07/2020	**Assignment 4**
13/07/2020	**Assignment 4 Submission**
15/07/2020	**Project Review #1**
30/07/2020	**Project Review #2**
10/08/2020	Learning Test
15/08/2020	**Project Review #3**
30/08/2020	**Final Project Review**

Add-ons: MySQL and ChatBot