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Daffodil International University

Name:
Student ID:
Section:

Course Code: CSE-315
Course Title: Software Engineering
Quiz Test-3

Time: 30 min **Total Marks: 15**

HealthConnect is an online healthcare appointment platform that connects patients with doctors and clinics. Each doctor has a unique Doctor ID, name, specialization, contact number, consultation fee, and availability schedule. Patients create accounts with a unique Patient ID, name, age, contact number, medical history, and payment information. Patients can search for doctors by specialization, view available schedules, book appointments, and make payments. The system records appointment details, including Appointment ID, date, time, appointment status, and payment status. Doctors can view appointments, update consultation records, and provide prescriptions. Hospital administrators manage doctors, patients, appointments, and generate healthcare service reports.

1. Draw the Class Diagram for the above scenario. [10]
2. Develop a BPM for "Patient Searches, Books, and Completes a Doctor Appointment." [5]