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University of Asia Pacific

Semester: Fall – 2020   CSE -321: Software Engineering   Section: A,B

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Instructions:

1. Exam time **20 min +** Uploading time **10 min.**
2. Please, Write your **Name and Roll** in your answer script.
3. Make a PDF copy of your answer script and submit in google classroom.

Q-1:   Imagine you are a software architect at First Bank Corporation (FBC). The bank has 3,000 branches within the country, and more than 25,000 employees. Computers, at the FBC have many different technologies, platforms, and operating systems. The bank has workstations and data-store-houses also. The data must be secure even if users are scattered all over the country. Some modules of the system can access only by a select group of employees at the HR department.

This system includes modules such as employee administration, performance evaluation, career path planning, training programs and payroll.

You have been asked to develop a software system for managing the human resources aspect of the bank.

I.	What is the solution?	3
II.	What is the business problem and how will you address this requirement?	5
III.	Draw the architectural diagram for this business setting and describe it step-by-step.	12