Week 1 – Introduce yourself!

This is an Individual Lab!

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| Name: | Ansh Amit Thakkar |
| Student Number: | 151175197 |
| Where are you from: | India |
| What languages do you speak: | English, Gujarati, Hindi |
| Work experience: | Circle K |
| Where did you go to school before this: | Seventhday Adventist Higher Secondary School, Ahmedabad, Gujarat, India |
| What program are you in? (CPP, CPA, CPAC) | CPA |
| How are you doing at school? | * A student that gets by, because the experience is more important than the numbers |
| List students in the class that you would like to work with: | Seyed, Harjas |
| List the students in the class that you don’t want to work with (it happens!): | Shubham, Michael |
| During the day, when are you most productive with school work? | * Early in the morning before the rest of the people in my home are moving |
| What time zone do you live in? Toronto is Eastern Standard Time (EST) | Toronto- EST |
| What do you like to do outside of school?: | Gym |
| Academic Integrity issues will not be tolerated in this course. Complete Seneca’s Academic Integrity module and share the link to your badge  https://cfdev.senecacollege.ca/tl/forstudents/integrityinaction/ | https://factory.cancred.ca/v1/assertion/606f6cc72f0a760b230c390b923d4988d8c76601 |
| Have you started looking for job opportunities? If so, where? | Yes, mostly in Web Development fields! |
| What previous jobs have you held? | None |
| Are you more interested in: Freelance work? Programmer? Analyst? Project Manager? something else...? | Analyst |
| What is your favourite programming language? | JavaScript |
| What web based platforms (.net, J2EE, JavaScript) have you worked with? | .net |
| Aside from Visual Paradigm, what non-programming development tools have you used?  Do you have a favourite? | Visual Studio and Visual Studio Code. I like both! |

Using Visual Paradigm, please create a class diagram and a sequence diagram for the following scenario. Copy and paste your diagrams into this document and submit this document and your .vpp file as part of your submission.

Please refer to the ProTKD Case study for the background information to this scenario.

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name | Add a class to a schedule | | |
| Triggering Event | Demand for a class | | |
| Brief Description | Allows the Registration Staff to add a class to the weekly schedule. | | |
| Actors | Registration Staff | | |
| Related Use Cases |  | | |
| Preconditions | Registration Staff has opened the class and schedule menu | | |
| Post Conditions | Class is scheduled and ready for Registration | | |
| Flow of activities | Actor | | System |
|  | 1. | Selects the Semester Schedule option | Displays a list of Semester/locations, prompts for selection |
|  | 2. | Selects semester and location | Displays a weekly calendar for the semester/location, displaying classes currently scheduled. Displays a list of classes. |
|  | 3. | Selects class, day of week and start time to add to schedule | Displays a weekly calendar for the semester/location, displaying classes currently scheduled. Displays a list of classes. |
|  | 4. | Repeat above step until all classes have been added to the schedule  Requests to save | Scheduled items are save. |
| Exception Conditions | * Registration Staff choose to cancel scheduling classes | | |

**Class Diagram:**

Diagram

Description automatically generated

**Sequence Diagram:**

Graphical user interface

Description automatically generated with medium confidence