Project III: Software Development Life Cycle

The Big Plan!

Overview

Now that your proposal has been completed. It is time to start the Software Development Lifecycle (SDLC) in a collaborative way.   Wait!   Does that mean you hit the keyboards and start coding?   No! When working in a collaborative way it is very important to "plan" the development activities.   Without a solid plan, integration (which you will see later) will be difficult, if not impossible.

The management plan defines the schedule and tasks for the project and all the team members. This will be done by using the online collaborative tools discussed in class and building a Gantt chart to depict your schedule. This activity is performed by the entire group.

What to do

Follow the instructions and fill out this form (completely):

Step #1:   Create the Plan

> You already know from the proposal who will be doing what classes.   It is now time to dig deeper.

> Using the Planner App we discussed and installed in Microsoft Teams, start creating a set of planned tasks for all the group members.   Make this plan for the entire semester and set due dates accordingly.   ***HINT: Use the Course Content and schedule to determine when big ticket items are due.***

Step #2: Describe your Plan

Provide a high-level summary of why you took this approach.   Some questions to think about: Where any modules considered high risk? Why?   Where any modules considered more important that others? Why? How did you decide to break down the tasks?   Why did you pick the due dates that you did? etc…

Step #3   Create Schedule

Schedules are very important in collaborative work.   Without them delays can arise when one class module is finished, but the required supporting information is missing.

Using your planned tasks created in Step #1 create a visual aid (a diagram, gantt chart, whatever you want) to provide a pictorial view of the timeline of your schedule.   I should be able to see when the major milestones are, when they are due, and what all the individual tasks are to prepare for each major milestone.   This pictorial view should line up with your MS Planner.

Rubric

See eConestoga.

What to Hand In

There are two components to the project plan.   Part (A) is this form. As a group, discuss, plan and fill out this form. Your team leader will submit this form via eConestoga. Part (B) will be an evaluation of the MS Teams Planning tool and how you have setup your tasks, assignments and due dates.