

Classroom Project Explanation

1. Purpose of the Classroom Project

- a. Business Case Summary: This class project is a supplement to the MSSA courses. It adds a real-world component to the MSSA program, fills knowledge gaps, and gives the MSSA participants a view of the SDLC in practice.
- b. Why do this: Feedback from observers of the first round of MSSA is that the participants were not prepared to enter Microsoft because they lacked some critical understanding of the processes and tools of enterprise software development and testing. The classroom project (as a supplement to the planned course work) will be designed to mitigate this gap.
- c. What is in for Microsoft? A larger group of candidates hired into Microsoft at the end of the program. Continued support of the program by the executive sponsor. Expansion of the program.

2. How to divide the students into groups

- a. Throughout the first 2 weeks of the project, observe students strengths and weaknesses
- b. Divide the students in a way the instructor sees fit
- c. Have each student get a liveID email address (live.com, Hotmail.com, outlook.com) and ***change the password at least once***
- d. Send the list of | name | alias | group # | to MSSA-SDET-Advisors@microsoft.com

3. Timelines

Week 0
• Interviews to enter the MSSA program
Week 1
• Cohort starts
Week 2
• Give the Instructor Classroom Project overview (if needed)
• Grant VSO and Azure access to Instructor
Week 3
• Get the list of student liveID's and teams from instructor
• Grant VSO and Azure Access to students
• Students verify access to VSO and Azure
Week 4
• Start on classroom project

4. Contact information

- a. MSSA-SDET-Advisors@microsoft.com
- b. Tuesday 8am (PST) meeting for questions as needed

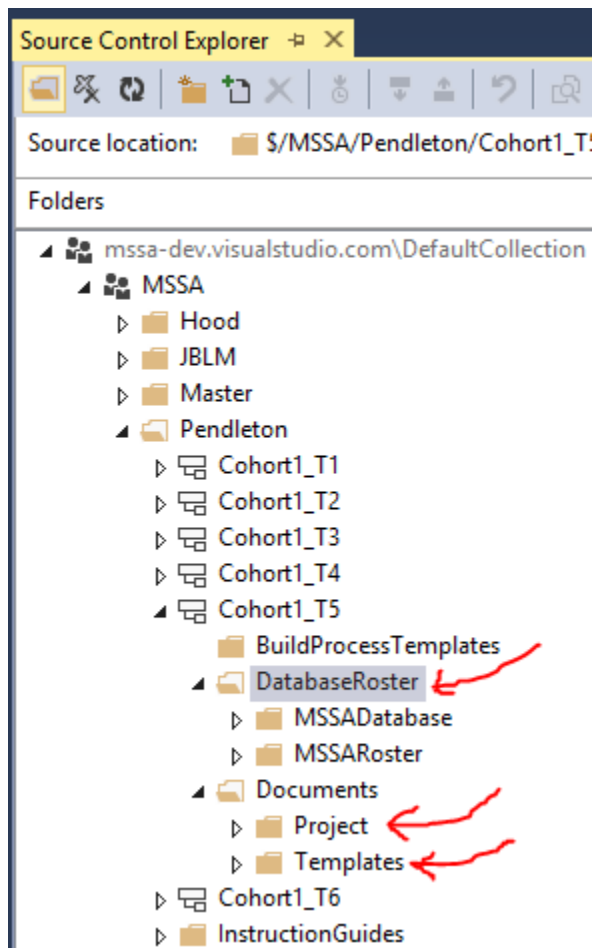
<u>Tuesday Call-in</u>

888-320-3585
Conference ID: 85967417

5. Where are the documents and code?

There is a Documents directory in Visual Studio Online (VSO) source. Within the documents directory, there is a Projects, and a Templates directory. Projects directory has many sample documents, and the Templates directory contains the templates for these documents.

There is also a DataBaseRoster directory that includes code samples.



6. Project explanation

The students will deliver a project, working through all phases of the software development life cycle. They will see the process and artifacts generated through each phase and get a better understanding of how dev/test consumes and generates these deliverables. As the instructor feels it is appropriate, the students will take the templates and complete the document, or in other cases, take the Project document and review it, making comments. The instructor will also determine the appropriate level of lecture vs. hands-on for each phase.

During the Design, Build, and Stabilization phases, the students will be expected to write and review code as well as write unit tests and automation.

All or some of these tasks can be done as a team.

And, the project plan, and learning objectives are included in source as well.

