# Mentoring-Week01

# PART 1

1. Meet your mentor, build communication.
2. Each group member needs to write down their goal after the 7 months of education.
3. After each member define their goals, start preparing a SWOT analysis that will reveal our strong and weak sides to achieve the goal. Each student must add at least 1 item to each of the below sections. Each student must complete the SWOT below and send it to their mentoring group by **Wednesday 4 PM** and group lead can organize the document. Remember, this lead will change every 3 weeks, and everyone will have the responsibility, so please help your lead.
4. Your mentor will go over the document on Thursday’s meeting. Your mentor will help you with any questions you have, as well as, how you can work on your weaknesses and threats.

**Student name: Dylan Robertson**

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| --- | --- |
| **GOALS** (What is your expectation after graduation, could be title, rate, or anything) | My goals are:  1: Make a high salary  2: Move to a more urban/densely populated area/city |
| **Strengths** (self-confidence, being technically strong, being good at delivering knowledge etc.) | I believe I am technically strong, and am above average at conveying concepts and ideas thanks to tutoring background.  I am not afraid to ask questions or admit when I don’t know things |
| **Weaknesses** (like being shy, hesitating to take interviews etc.) | I sometimes have a hard time referencing things by name even if I know what it does and how to use it |
| **Opportunities** (like relatives or friends in the field who can refer and help to find jobs etc.) | My biggest opportunities come from my networking potential here at TG, and from my friend Matt, a TG alumni. |
| **Threats** (any risks like having a full time or part-time job, vacation, health etc.) | My biggest threat at this point is my job. My unpredictable schedule makes it hard to make time for things outside of class, like extra learning |

# PART 2

We are expecting students to read below articles, fill out the form, and get ready for the Thursday meeting. Note down all your questions to be answered by your mentor. The forms below must be completed and sent to Slack group channel by Wednesday 4 PM. Please help your lead on that manner and feel free to make additional research on roles and responsibilities of manual / automation tester.

1. <https://www.browserstack.com/guide/manual-vs-automated-testing-differences#:~:text=Manual%20Testing%20should%20be%20used,Repeated%20Execution%20for%20best%20results>.
2. <https://smartbear.com/test-management/manual-vs-automated-testing/>
3. <https://www.indeed.com/hire/job-description/software-test-engineer?gclid=CjwKCAjw586hBhBrEiwAQYEnHdf7IeqnoqRTxDcvOOyOFdP5yplER-cPJbLhmsYaGbovQ32KhdtBFBoCUgkQAvD_BwE&aceid=&co=US&gclsrc=aw.ds>
4. Discuss the differences between manual testers and automation testers. Fill out the form below with their differences.

|  |  |
| --- | --- |
| **Manual tester** | **Automation Tester** |
| Less precise | More precise |
| Better for fast results to a simple bug | Large scale made easy |
| Little-to-no start-up cost, high cost long-term | Higher start-up cost, lower longevity cost |
| Low turn-around time | High turn-around time |
| Better for testing UI/UX | Not flexible or intuitive |

1. Discuss the advantages of automation testing over manual testing and fill them out to below table.

|  |
| --- |
| **Advantages of Automation Testing Over Manual Testing** |
| Automation testing is more cost effective over time |
| Automation testing is more precise |
| Automation testing is faster (higher turn-around time) |
| Better for large-scale testing |
|  |

1. Discuss the top 5 skills a Software Engineer in Test (automation tester) must have.
   1. Prioritize them in below table

|  |  |
| --- | --- |
| 1 | Communication skills, written and verbal |
| 2 | Work well in a team/under stress |
| 3 | Familiarity with test processes, creating test plans and opening bugs |
| 4 | Strong technical abilities, comfort working with various software programs |
| 5 | Programming language knowledge variance, database type knowledge |

* 1. Try to match these qualifications with your strengths that you discuss in the last week.

**NOTE: All students should prepare additional questions to ask your mentor every meeting. These meetings are great opportunities to learn from your mentors. Please take notes during your meetings as there will be a lot of information discussed and you may need to recall it later.**

Thanks ☺

Meeting Notes: