### UTDiscovery Weekly Report & Time Log

| **Weekly Report Number** | 1 |
| --- | --- |
| **Reporting Period** | 8/27/23 to 9/8/23 |
| **Group Number** | 2 |
| **Project Name** | xEstimate API and ALgorithm improved |
| **Mentor/Faculty Advisor** | Dr. Noirrit Chandra |
| **Project Team Members** | Marcos Munoz, Mehedi Toufiqe, Yaseen Mohammed, Sayema Rahman |

**Weekly Report**

1. Tasks Outlined in Previous Weekly Progress Report

* N/A

1. Progress Made in Reporting Week (Limit your write-up to no more than two page)

* Our group discussed what ideas we had in mind about the project. We discussed our schedules to figure out what times work best for all of us and talked about what our strengths are with this project to try and figure out who is best fit for certain types of roles. We researched more on AUTIX and looked at the SEMA and the two data standards that are used.

1. Difficulties Encountered in Reporting Week (Limit your write-up to no more than one page)

* We had some difficulties figuring out what times would work for us. As we are all seniors and will soon graduate, we all have quite busy schedules outside of university. It took us some time to fully understand how the project would work.

1. Tasks to Be Completed in Next Week (Outline the tasks to be completed in the following week)

We will be meeting with the sponsor, Jake, and data scientist, Andrew from AUTIX next week to meet and have a brainstorming session with the CS capstone group that is also working with AUTIX. This meeting was suggested by the sponsor on our first meeting with their team on Thursday, August, 31st. We expect to receive data sets from the sponsor to start organizing, cleaning, and extracting relevant information for the xEstimate API. We will start gathering our ideas for the project and decide on what will be our approach for each of the outlined tasks provided by data scientist Andrew.

**Time Log**

1. Teams Meeting.

* Description(optional)
* Students: Sayema Rahman, Mehedi Toufiqe, Marcos Munoz, Yaseen Mohammed
* Dates: 8/29/2023, 9/5/2023
* Hours: 2 hours
* Other:

1. Client Meeting.

* Description(optional):   
   a.We sent our available time slots to Company mentors to schedule weekly meetings on Wednesday. The mentor reached us on Friday saying he will talk to his team and arrange meeting and will get back to us by Friday evening.

b. We didn’t receive any updates from the company mentor.

* Students: N/A
* Dates: N/A
* Hours: N/A
* Other: N/A
* Who didn’t attend the meeting with client: N/A

1. Faculty Advisor Meeting.

* Description(optional). If there is no meeting, please describe any interactions by email.
  1. We had the faculty advisor sign the Project Agreement document.
  2. We are waiting for a company mentor to arrange weekly meetings. When that is done, we will email our faculty advisor to set up a weekly meeting.
* Students: N/A
* Dates: N/A
* Hours: N/A
* Other: N/A
* Who didn’t attend the meeting with FA: N/A

1. Solution Development.

* Description(optional)
* Students: N/A
* Dates: N/A
* Hours: N/A
* Any progress? N/A
* Other: N/A

1. Documentation.

* Description(optional)
* Students: N/A
* Dates: N/A
* Hours: N/A
* Other: N/A

1. Preparation Slides., if applicable.

* Description(optional)
* Students: N/A
* Dates: N/A
* Hours: N/A
* Other: N/A