

Learning Summary Report

My Details

Name: Ashar Kamal

Degree: Bachelors of Information and Technology

Company Name: Ontrack Data Analysis

Role title or area: Data requirement analyst

Target grade: Credit

Self-Assessment

Grade: Credit

In this assessment, we worked on documenting the creating a mock-up of the possible upgrades of the project. Using the Figma, visual paradigm and other visual drawing tools, we created what we aim to do in the next phases.

Course Learning Outcomes

1. Team work

Through this course, I want to learn the essence of team work. As this is an extensive group project, I am learning the art of team work. I have been engaged in communication with team members

2. Docker and modern web development

Through this course, I am trying to learn how modern web apps are developed. I have been introduced to docker, web development in teams and using containers.

3. Working with APIs

Previously in my educational career, I have been exposed to APIs. However, not so extensively. In this project, I am looking forward to use and create APIs.

4. Deploying web apps using Containers

In one of the courses before that, I have deployed the web app. However, in this course, I am looking forward to deploy the web app using the containers.

5. Inter-personal communication

Through frequent team meetings and engagement with team members, I am looking forward to hone my interpersonal communication skills.

Overview of Evidence Collected

For the evidence, we have Figma designs, class diagrams, and program workflow diagrams. Also, for the team work, we have team chats screenshots.

Reflections

If you had to pick a few things you have done to best represent what you have achieved in capstone so far, what would it be and why?

I have so far achieved the art of team work, the skills to design modern websites using the Angular and Modern.

What is the most important thing that you have learnt so far in the capstone program?

The user of Docker and APIs.

What were you able to achieve by the end of the trimester? How these helped you showcase your capabilities, and how these helped advance your company or one of the capstone cohorts?

By the end of this trimester, I was able to polish by inter-personal communication skills as well analytical skills along with the web development skills. These skills would be surely utilized in the company for the advancement of products. For instance, the On track cohort project would become better using the skillset achieved at the end of this project.

If you could go back and redo the start of the unit, is there anything you would do differently? How would changing this have helped improve things?

I would surely give more time to this course than what I gave now. The reason for that is I loved this course.

Evidence

Figma Link:

<https://www.figma.com/file/UAIEHJb3zk7pHtq9LXg3Js/DAP-Interation1?node-id=0%3A1&t=iUCfmlIVknvDy9FU-1>

Github Links:

[Angular Files by ashar8888 · Pull Request #181 · toth-tech/documentation \(github.com\)](#)

[doubtfire-deploy/Project at development · ashar8888/doubtfire-deploy \(github.com\)](#)

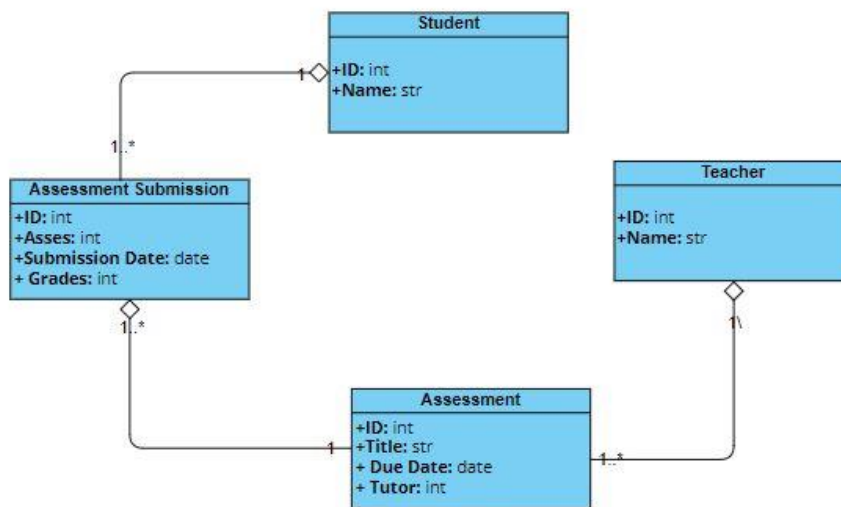
Code:

```
1 const mysql = require("mysql");
2 const express = require("express");
3 const cors = require("cors");
4
5 const con = mysql.createConnection({
6   host: "localhost",
7   user: "root",
8   password: "root",
9   database: "gradesdb",
10 });
11
12 const app = express();
13 app.use(cors());
14 app.listen(3000, function () {
15   console.log("Server is running on Port 3000");
16 });
17
18 app.get('/grades', function (req, result) {
19   //SQL command for reading data
20   let q = ` SELECT id,grade, Date(submssion_date), Date(due_date) from grades order by grade;;
21   `;
22   con.query(q, function (err, res) {
23     if (err) {
24       console.log(err, "Cannot Get Data!");
25     }
26     if (res.length > 0) {
27       result.send({
28         data: res
29       });
30       console.log("Fetched");
31     }
32   });
33 });
```

Team Meeting:

https://deakin365.sharepoint.com/sites/ThothTech2/_layouts/15/stream.aspx?id=%2Fsites%2FThothTech2%2FShared%20Documents%2FOnTrack%20%2D%20Data%20Analytic%20Platform%2FRecordings%2FE2%80%9COnTrack%20%2D%20Data%20Analytic%20Platform%E2%80%9D%E4%B8%AD%E7%9A%84%E4%BC%9A%E8%AE%AE%2D20221213%5F153314%2D%E4%BC%9A%E8%AE%AE%E8%AE%B0%E5%BD%95%2Emp4

Class Diagram:



AA ASMA ALSHEDDI Chat Files Activity +

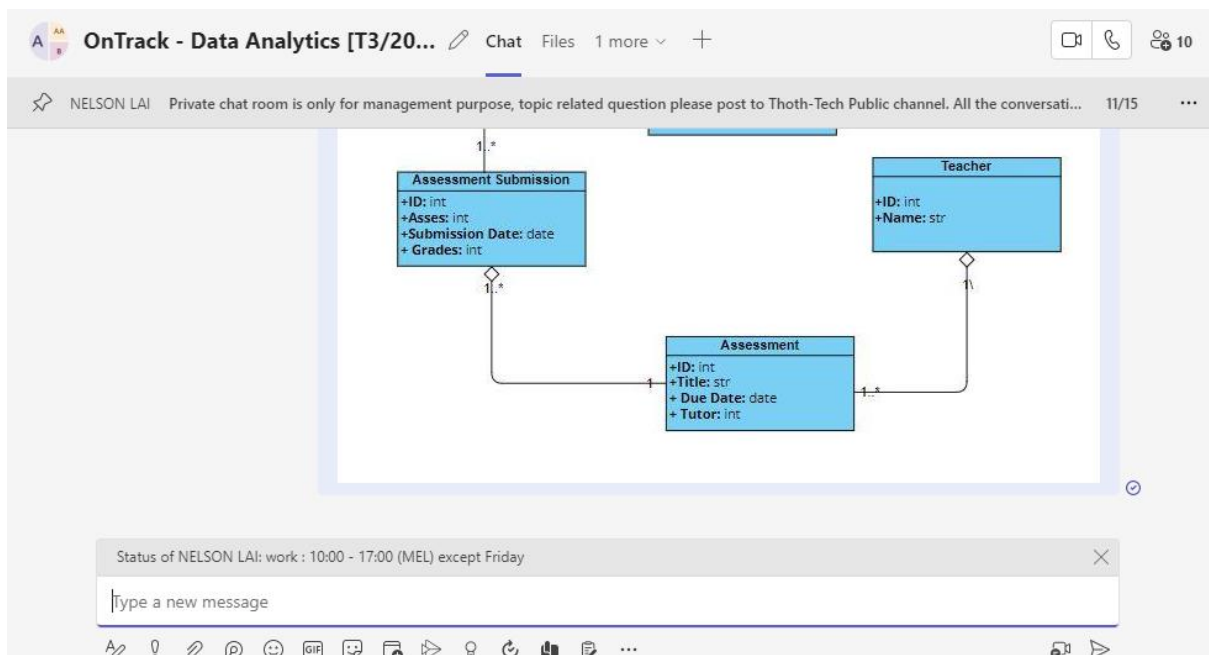
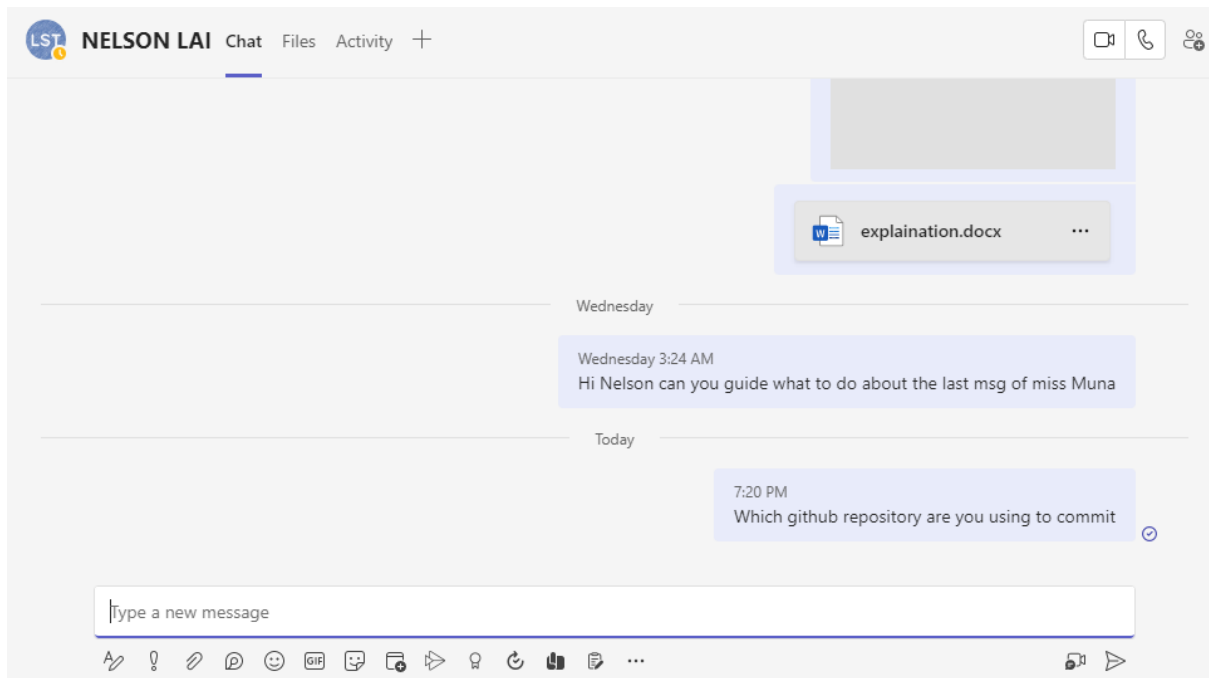
9:11 AM
Okay I'll start around 9 after getting home. Will text you. Have you made the class diagram

AA ASMA ALSHEDDI 9:11 AM
Ok great

9:23 AM
Are you making any diagram like class diagram or ump

Uml

7:21 PM
Which github repository are you using to commit



Explanation of Figma Design

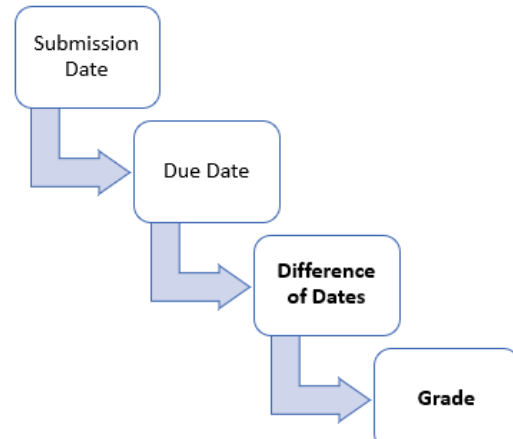
Better Stats for better insights

The data generated by Ontrack has not been greatly used for the purpose of insight generation in order to improve grades of student by empowering them with insights about the grading. Therefore, in this regard an effort has been made. Following is the idea and its implementation:

Idea:

1. Students who often submit assessment well before the deadline get better grades as they have the time to receive the feedback from the tutor and improve the assessment in order to achieve a better grade.

Implementation:



Work Log

Student Name	Date of Activity	Duration (Minutes)	Activity Type	Short Description
Select from list	Must be in this format 13/03/2020	Select from list	Select from list	Please fill out with succinct detail
Ashar Kamal	11/15/2022	240	Research	Research on Docker and Containers
Ashar Kamal	11/17/2022	180	Task Completion	Installed Docker using WSL
Ashar Kamal	11/18/2022	180	Up-Skilling	Learned how to use Docker and containers
Ashar Kamal	11/19/2022	240	Up-Skilling	Learned how to use Docker and containers
Ashar Kamal	11/21/2022	240	Up-Skilling	Learned how to use Figma
Ashar Kamal	11/22/2022	240	Squad Meeting	Team Meeting
Ashar Kamal	11/24/2022	120	Squad Meeting	Team Meeting
Ashar Kamal	11/26/2022	180	Cohort Contribution	Working with mockups
Ashar Kamal	11/28/2022	240	Research	Research on Angular
Ashar Kamal	12/1/2022	240	Contribution	Designing mockup on Figma
Ashar Kamal	12/6/2022	120	Squad Meeting	Team Meeting
Ashar Kamal	12/7/2022	240	Cohort Contribution	working on the mockup
Ashar Kamal	12/7/2022	180	Task Completion	Creating dummy data required using python
Ashar Kamal	12/9/2022	180	Task Completion	plotting Graphs and calculating correlation using the data for the mockup
Ashar Kamal	12/9/2022	240	Cohort Contribution	Finalizing the mockup
Ashar Kamal	12/10/2022	170	Squad Meeting	Team Meeting
Ashar Kamal	12/10/2022	280	Up-Skilling	mysql and API
Ashar Kamal	12/11/2022	240	Task Completion	Creating database with dummy data
Ashar Kamal	12/11/2022	240	Task Completion	Creating API for exposing the data
Ashar Kamal	12/12/2022	320	Task Completion	Designing the angular front end
Ashar Kamal	12/12/2022	320	Task Completion	Creating angular backend server
Ashar Kamal	12/13/2022	320	Up-Skilling	Learning about High Chart in Angular
Ashar Kamal	12/13/2022	320	Up-Skilling	Learned how to properly use github
Ashar Kamal	12/14/2022	320	Task Completion	Finalizing everything with Angular app
Ashar Kamal	12/15/2022	170	Squad Meeting	Team Meeting
Ashar Kamal	12/16/2022	180	Contribution	Documenting everything
Ashar Kamal	12/17/2022	240	Contribution	Finalizing the stuff made and uploading on git