**Lab Report: 04**

**Title: Team Formation and To Do Process.**

*Course Title: Object-Oriented Analysis and Design*

*Course code: CSE-314*

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**Submitted to**

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*&*

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| **Sl** | Class Roll | Exam Roll | Name |
| --- | --- | --- | --- |
| 1 | 351 |  | Umma Sumaiya Jahan |
| 2 | 371 |  | Mamunur Roshid |
| 3 | 400 | 202212 | Mohammad Rokibul Hassan Shanto |
| 4 | 404 | 202216 | Md. Mahfuzur Rahman |

**The list of tasks that was given:**

1. Find the sum of all the age of all your team members.
2. Collect data about the sports (multiple) each member of your team likes to

play or watch.

1. Find the product of all your team member ages.(That is, multiply all the ages together.)
2. Collect data about the age of each of your team members.
3. How many units is each team member is currently studying?
4. Collect data about the favorite food of each team member.
5. Climb Mount Everest.
6. Who in the team has to travel the greatest distance to uni?
7. What is the favorite programming language of your team?

**Team members and what tasks were assigned to them:**

1. Umma Sumaiya Jahan (351) : First two tasks, task 1 and 2 as well as testing.
2. Mamunur Roshid (371): Following two tasks, task 3 and 4 as well as testing.
3. Mohammad Rokibul Hassan Shanto (400): Following three tasks: task 5, 6 and 7. Was incharge of taking photos.
4. Md. Mahfuzur Rahman (404): Last two tasks, task 8 and 9 as well as testing.

**Step 01: We create four columns to accomplish the task. Writing down the given tasks and add in the To Do column and identify the Dependent task and Independent task.**

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**Description: First we have collected the sticky note provided by the teacher, then we write down the tasks to the sticky note and add them to the To Do column one by one**

**Step 02: Divide the task in each member of the team and write down their name**

**in the sticky note which task they will be responsible for.**

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**Description: First we identify the dependent task and independent task and then choose the task after giving some thought into it. Then write down the name of the team member on the sticky note as the tasks are divided.**

**Step 03: We started our task with independent task and add it on DOING**

**column.**

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**Description: Each of our team member is start working at a same time on**

**independent task.**

**Step 04: In DOING column, we start to collect data from team members.**

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**Description: We completed the data collection and write the data on the below**

**of the tasks.**

**Step 05: We mark the task as done and add it to DONE column.**

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**Description: Here all are independent task and no need for double check or**

**testing. So we add the completed task at the DONE column. After finishing all**

**the independent task, we move on to the dependent task. And use the data**

**which we collect in beforehand.**

**Step 06: Here we have to do some calculation and comparison, so we stick those**

**notes in the TESTING column.**

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**Description: We compare the data and evaluate the answer and verified the**

**answer after checking. After checking and verified the result we place the notes**

**in DONE column as the tasks were done.**

**Step 07: Some tasks takes a long time on processing so we placed it into a**

**DOING column.**

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**Description: Here climb mountain task is a long term process, so one of our**

**team member is still in the DOING column.**

**Step 08: All tast are on done collum**

| **Description: All task is completed on given time and provided desired result.** |
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**Discussion:**

The tasks are completed on time and the group work produced the desired result which is all individual’s involvement. It was a completely new experience for us given the organized aspect of the task. It was actually the first time that we enjoyed so much in a tight time and not to mention keeping in mind the newly introduced instruction based task.

The mistake we made didn’t come into light till the evaluation. We accidentally placed all tasks in ‘done’ column task no.7 was impossible to do in that short period of time. Hopefully our shortcomings will be filled in due time.