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| Course name:  Diploma in Software and Design | |
| Assignment title | **DSD-04 Agile Group Project** |
| Assessment weighting | *Need to pass the assessment to complete the course* |
| Passing Criteria: | Need to score 50% or more to pass the assessment.  **Total Marks: 100** |
| Due date: | 10th August,2021 |
| Assessment conditions: | This is a resource-based assessment. This means that you may have access to any relevant resources to assist you.  This could include your learning materials, information on the Internet, and so on. However, all work must be your own with no assistance from any other person. |
| Submission requirements: | Upload your project to Github or Cloud Campus |
| Module Names and Learning Outcomes | **Project Management**   * 1. Identify requirements and implement mobile solutions * 2. Conduct project planning activities that accurately forecast project costs, timelines, and quality. Implement processes for successful resource, communication, and risk and change management. * 3. Use an appropriate methodology for project management * 4. Demonstrate effective project execution and control techniques that result in successful projects * 5. Satisfy client expectations and meet client needs in executing a software development project |

This is an **ONLINE** only assessment. No paperwork is needed.

**Disclaimer of Plagiarism and Collusion**

I declare that:

* I have read and understood the ATC Vision Collage “Assessment Policy” and “Academic Cheating” sections as described in the Student Handbook.
* I am aware of the penalties for cheating as described in the Student Handbook.
* This assessment submission is entirely my own work, I have quoted, referenced and acknowledged any work copied directly from another source.
* I understand this assessment submission may be used for internal and/or external moderation.

I understand that if I have circumstances that affect my progress to complete assessment tasks, I will discuss it with my tutor prior to submission date

# Agile Group Project

## Objective

The students are required to undertake a group project as part of their Assessment for the Diploma in Software Engineering and Design qualification. The students are required to build an Android app using Agile methodologies. The App will also use a Source Control system such as Git.

## Purpose

The purpose of the assessment is to create an Android App using Agile and Scrum methodologies.

The intention is that all group projects should be successful, and all students are expected to contribute to their own project in accordance with the timetable.

Group projects are expected to take students 180 hours of work per student, spread over 6 to 7 weeks, and to enable students to display their understanding across a broad range of subjects.

Groups will be expected to exhibit professional skills in design, quality and management. Specifically, they will have to show that the work has been carefully planned, that components and systems have been properly tested, and that members of the group have cooperated effectively.

The exercise also gives students experience of working against deadlines, with a team of colleagues. This gives some idea of the problems encountered in normal professional practice.

The review meetings provide an opportunity to monitor group progress and for general discussion. Your tutor will attend all the review meetings.

### Requirements

Create a mobile app using Agile and Scrum methodologies. The final app may not be totally finished owing to time constraints. But still be operatable.

## Final deliverables

Copy and paste the questions below into a new document, answer them, and put it in your assessment folder with a copy of the app.

**Answer the following questions.**

What was the App that your group created?

### Agile / Scrum

1. What did you learn about how the Agile and Scrum methodologies operate?

We learn teamwork skills from agile scrum and it helps in responding right and quick.

1. In practice how effective did you find this methodology?

In my knowledge methodology is more effective it incerase the power of team work

1. What did you find was the strength of it?

This method sort out problems quickly.

1. What were its weaknesses?

Diverting consumer mind when work is in process

1. What were the best features of the process?

There are multiple good options like solving issues , recognising etc,

1. How did they appeal to you?

All co workers are Responsive ads responsible.

1. What was the worst feature of the process?

Bad feature about this that every member in the group is clashing with thoughts and finance.

1. How would you change them?

By doing better communication with co workers.

### Group work

1. What did you enjoy about this style of programming?

Good feature about this is work is divided into groups so its not a headache for a single person.

1. What are the downsides for you of group work?

Misconception between thoughts that group members are sharing.

1. How did this session change your opinion of working in industry?

It helps me in learning patience and team work skills.

### Source Control

1. What form of Source Control did you use?

We used github

1. What were its strengths?

It provides platform for collaboration.

1. What were its weaknesses?

Sometimes lots of commands is confusing and difficult to understand.

1. How effective as a source control did you find it?

Its good because we can make code easily and copy repositories for our use,

1. If you had to use it again what would you change?

If i am going to use this again i would like to do it in a different way by chaning its pattern.

### Other

1. Do you feel that this has been a worthwhile experiment?

Yes it was a good experience for me to work in group. And we learned so many things from each other.

1. Why? Why not?

It increase the communication between the team members.

1. **If you had to give yourself a percent grade for your contribution to the project, and the process, what would it be?** Bearing in mind that you might have produced little, yet done the hard yards. Or you made heaps, but it was really easy.

Its not a indivisuals work everyone had to participate in the group equally. In my opinion its not fair thing to give remarks to only one person,.