**Diploma in Software and Design**

**Assignment Cover Sheet**

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| **Student’s name:** Akash Sharma | | |
| **Module Name /or number: Mobile App Dev (25 credits)** | | |
| **Assignment title and/or number**:  DSED-04 Agile Group Project | | |
| **Assessment weighting** | | *Need to pass the assessment to complete the course* |
| **Passing Criteria:** | | Need to score 50 or more marks to pass the assessment.  **Total Marks : 100** |
| **Due date**: Wednesday October 28, 2020 | | **Date submitted**:  (late submissions incur 10% penalty, after 7 days late, the assessment will not be marked) |
| **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, for example, 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:** | | You’re required to upload the following on Cloud Campus:   * This document, completed where appropriate * Visual Studio project files * Upload your project on Github and paste the link below   GitHub Link: https://github.com/as953866/Agile\_Questions |
| **Learning Outcomes:** | * Applying appropriate business process modelling tools to analyse and document business processes; * Software estimation and metrics; * Systems development paradigms e.g. Agile, Structured; * Critical thinking, business logic, organisational processes, innovation and enterprise skills; * Project planning, management and control – cost, risk, quality, stakeholder, change, configuration, contracts, and maintenance management * Application of professional and ethical practice, including sustainability, equity, social and contemporary cultural issues, relevant to an IT organisational environment (e.g. Treaty of Waitangi and accessibility issues); * Organisational implications of managing and complying with legal and regulatory requirements (e.g. health and safety, contract management, licensing, privacy; observing security responsibilities and industry codes of practices, and codes of conduct (e.g. IITP) relevant to an organisational environment. * Information representation design for multiple situations e.g. data visualisation; technical writing - help documents, user instructions, specifications; * Personal and interpersonal skills including customer service, leadership, teamwork, negotiating, self-management, social and multicultural awareness, relationship and conflict management | |

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| **Assignment Checklist:** | |  |  | | --- | --- | | **Requirement** | **Completed** | | Database | [Symbol][Symbol] | | User interface | [Symbol][Symbol] | | Functionality | [Symbol][Symbol] | | Coding | [Symbol][Symbol] | | Testing | [Symbol][Symbol] | |

**Disclaimer of Plagiarism and Collusion**

I declare that, to the best of my knowledge, this assessment is my own work, and has not been copied from any other student's work or from any other source.

Your Name: Akash Sharma

Enter your name here to indicate you agree to the above statement.

# Agile Group Project

## Objective

The main objective of the project is to make a group assignment by the four group members. The topic for the group assignment is a mobile app which is developed by the C# coding language and Xamarine tool in the Visual Studio software. This group project is also acted as a source control file on Git hub.

## Purpose

The purpose of the assessment is to create and Question Bank App using Agile and Scrum methodologies.

The specific work contribution in the assignment is given by each group member to make the project.

The project was completed in the given time and Agile and Scrum Methodologies was used to gain the skill level of the group members.

A android mobile app name question bank was made by our group which contain very attractive methodologies and functions.

### Requirements

A mobile app was made using Agile and Scrum methodologies. The final app is working with attractive buttons and question answers.

## 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?
2. In practice how effective did you find this methodology?
3. What did you find was the strength of it?
4. What were its weaknesses?
5. What were the best features of the process?
6. How did they appeal to you?
7. What was the worst feature of the process
8. How would you change them?

### Group work

1. What did you enjoy about this style of programming?
2. What are the downsides for you of group work?
3. How did this session change your opinion of working in industry?

### Source Control

1. What form of Source Control did you use?
2. What were its strengths?
3. What were its weaknesses?
4. How effective as a source control did you find it?
5. If you had to use it again what would you change?

### Other

1. Do you feel that this has been a worthwhile experiment?
2. Why? Why not?
3. **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 the hard yards. Or you made heaps, but it was really easy.