Assignment 2

You are to propose a web service-based application for one of the following applications:

* **Opinion Spam Classification**
* **Telemedicine**
* **Webpage UX/UI Generator**

You are required to form a group to work on this assignment. You can use any programming language for this assignment.

Rules

1. This is a group project where maximum **2** members per group.
2. In the report you are required to briefly explain your web service based application, specifying the tasks for each member. All members must contribute towards the actual app.
3. **Any plagiarism is not tolerated**. If any part of the source code and report is found to be a copied version of any other group or online source **ZERO mark** will be given.
4. Every group is required to submit a **zip file** which contains the final report and project (source code and database) by **Wednesday 5pm on Week 15 (2 July 2025)*.*** You will then be assigned a timeslot for your presentation/demo (5-minute pitch with one slide for **EVERY** student).
5. During your presentation, you may be asked to explain your code to illustrate your understanding of your project’s code.

**Marks distribution:**

|  |  |
| --- | --- |
| Item | Marks |
| Web Service Based Application (at least 5 functionalities) | 10 |
| Report   1. Introduction 2. Problem Statement 3. Objective 4. Solution: 5. Analysis 6. Use-case diagram + description to elucidate 7. Requirements 8. Design 9. Flowchart and pseudocode 10. Framework 11. Implementation 12. Limitations 13. Screen-shot 14. Functions 15. Conclusion: Summary, Lessons learnt, and Future work | 5 |
| Presentation | 5 |

**Use the following page as the first page of your report.**

## Assignment

**Course Code: TSO7021 Service Oriented Architecture Using Web Service**

**Group Member:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | No. | Student ID | Name | Work Distribution | | 1 |  |  |  | | 2 |  |  |  | |  |  |  |
|  |  |  |  |

**Abstract:** Give the brief introduction for your proposed solution. This should include the functions and features of your system.

**Objectives to achieve:**

**Functions (member 1):**

1. Specify the functions that you are going to provide in your system.

**Functions (member 2):**