

Marking criteria of assignment 3

Presentation (15 marks)

- Describe the target audience (2 mark)
- Explain what problem is being solved (2 mark)
- Explain/demonstrate how your app compares to other possible solutions (2 mark)
- Demonstrate thoroughly how the app is used (2 marks)
- Explain what frameworks/services you used to solve the problem (2 mark)
- Demonstrate the greatest difficulty you encountered and how you solved it, in coding or design. (2 marks)
- Demonstrate how you achieve minimum viable product by following an iterative product design cycle (1 mark)
- Presentation skills (2 marks)

Code on Github (15 marks)

- Data modeling: Do the data structures reflect the problem domain? (2 mark)
- Immutable data and idempotent methods: Is the type system used to prevent incorrect code from being written? (2 mark)
- Functional separation: Is the problem broken down into meaning parts? (3 mark)
- Loose coupling: Can parts be changed in isolation of each other? (2 mark)
- Extensibility: How easy would it be to add, remove, or change functionality? Could a new mechanic or new content be added by changing data instead of changing code? (2 mark)
- Error handling: Are errors detected at appropriate places? Is the user prevented from entering invalid input and guided toward valid input? (2 mark)
- Demonstration of collaborative work on Github. (2 mark)