Apollo 11 Requirements

1) Features
- Use of database (workload must be justified otherwise)
- Advanced features with complexity

2) Planning/VCS
- GitHub issues with milestones/labels/tags/assignee
- Intermediate version control (branching, making pull requests)

3) Design
- Use cases and features
- Flow and architecture diagrams
- Design principles and patterns
- Justifications for design decisions

4) Implementation
- Follow good coding standards
- Try to make comments
- DO NOT PLAGARISE FROM EXISTING SOURCES :((will be checked from your repos)

5) Testing
- Multi-level testing (unit/integration) testing + user testing
- Proper test strategy (Planning your test case design)

6) Documentation
- SE evidence in every stage of the development process

General deadlines

Lift-off: 16 May (video submission + poster)

Milestone 1: 30 May
- Formulate project idea clearly (Revised from your proposal)
- Identity features for system
- Design the system
- Create a development plan
- Pick up the necessary tech stack
- BUILD A TECHNICAL PROOF OF CONCEPT (for example, can be an integrated frontend + backend with a login/register feature)
- Document your project clearly

Milestone 2: 27 June
- System should try to have most essential features implemented
- Perform system testing
- Document your project clearly

Milestone 3: 25 July
- Extend the system by adding more useful features, or finish up your essential features that were half completed
- Perform system and user testing
- Document project