**Assignment 1:** Agile Project Planning - Create a one-page project plan for a new software feature using Agile planning techniques. Include backlog items with estimated story points and a prioritized list of user stories.

**Project Name:** Photo Sharing App - Image Editing Feature

**Project Goal:** Implement image editing functionality to enhance user experience and engagement on the photo sharing app.

**Key Stakeholders:** Development Team, Product Owner, UI/UX Designer

**Sprint Duration:** 2 weeks

**Backlog Items:**

| **User Story** | **Priority** | **Story Points** |
| --- | --- | --- |
| As a user, I want to apply filters to my photos. | High | 5 |
| As a user, I want to crop and resize my photos. | High | 5 |
| As a user, I want to adjust brightness, contrast, and saturation of my photos. | High | 8 |
| As a user, I want to add text and stickers to my photos. | Medium | 3 |
| As a user, I want to rotate and flip my photos. | Medium | 3 |
| As a user, I want to undo and redo changes in editing. | High | 5 |
| As a user, I want to save edited photos to my gallery. | High | 5 |
| As a user, I want to share edited photos on social media. | High | 8 |

**Prioritized User Stories:**

1. As a user, I want to adjust brightness, contrast, and saturation of my photos. (8 SP)
2. As a user, I want to share edited photos on social media. (8 SP)
3. As a user, I want to apply filters to my photos. (5 SP)
4. As a user, I want to crop and resize my photos. (5 SP)
5. As a user, I want to save edited photos to my gallery. (5 SP)
6. As a user, I want to undo and redo changes in editing. (5 SP)
7. As a user, I want to add text and stickers to my photos. (3 SP)
8. As a user, I want to rotate and flip my photos. (3 SP)

**Note:** Story points are estimates of effort relative to other user stories. Prioritization allows the team to focus on delivering the most valuable features early in the project. Iterative development and feedback ensure continuous improvement and alignment with user needs.