# Project Planning Phase

**Project Title**: Jewel Inventory Management System  
**Team ID**: LTVIP2025TMID29406  
**Date**: 30 June 2025  
**Institution**: G. Pullaiah College of Engineering and Technology  
**Maximum Marks**: 4 Marks

**🗂 Sprint Planning & Product Backlog**

Sprints were structured over 15 days from **11 June to 25 June 2025**, divided into four sprints. Each sprint covers a focused set of development activities categorized by **Epics** and **User Stories**, with effort measured using **Story Points (SP)**.

**Sprint 1 (15–20June)**

* Create Salesforce Developer Org – **1 SP**
* Create Custom Objects (Jewel Customer, Item, Price, Billing, Customer Order) – **3 SP**
* Create Tabs for All Objects – **2 SP**

**Sprint 2 (21-23June)**

* Build Lightning App – **2 SP**
* Create Fields (Picklist, Formula, Currency, Lookup, etc.) – **5 SP**
* Customize Page Layouts (Gold & Silver) – **3 SP**

**Sprint 3 (24–25June)**

* Create Validation Rules – **3 SP**
* Implement Flows (Email Notification after Billing) – **5 SP**
* Apex Trigger + Trigger Handler Class for Billing – **3 SP**

**Sprint 4 (25 -30 june)**

* Create Reports & Dashboards – **3 SP**
* Create Profiles, Roles, Permission Sets – **2 SP**
* Finalize Project & Documentation – **2 SP**

**📊 Team Velocity**

* **Total Story Points**: 34
* **Number of Sprints**: 4
* **Average Team Velocity**: **8.5 Story Points per Sprint**

**📉 Burndown Concept**

The team tracked daily progress by subtracting completed story points from the total planned points. A steady **downward-sloping burndown** curve indicated timely task completion and efficient progress. Each task completed brought the team closer to sprint completion, ensuring visibility and accountability.