* **Please note that all your team work should be done through Trello. All features should appear in Trello as user stories and assigned to team members. Due dates for the stories should appear on each card.**

**Week 1: Release 1 - Core Features and Room Management**

**Day 1-2: Project Setup and Initial Planning**

* **Set up the project environment**:
  + Install and configure development tools (e.g., .NET Core, database server).
  + Set up version control (e.g., Git).
* **Define the project architecture**:
  + Set up the solution structure.
  + Plan the data model and database schema.
* **Task allocation**: Assign tasks to team members.

**Day 3-5: Room Management**

* **Develop features to add, edit, delete, and view rooms**.
* **Implement room availability status tracking**.
* **Test room management features**.

**Day 6-7: Initial Database and API Setup**

* **Set up the database**:
  + Create tables for rooms, reservations, and payments.
* **Develop basic API endpoints** for room management.
* **Test database interactions and API endpoints**.

**Week 2: Release 2 - Reservation and Payment Management**

**Day 8-10: Reservation Management**

* **Develop room search and reservation booking functionality**.
* **Implement reservation modification and cancellation features**.
* **Test reservation management features**.

**Day 11-13: Payment Processing**

* **Integrate payment gateway for processing payments**.
* **Develop features for generating and viewing invoices**.
* **Implement and test payment processing features**.

**Day 14: Mid-Project Review**

* **Conduct a review of completed features**.
* **Gather feedback from stakeholders**.
* **Make necessary adjustments based on feedback**.

**Week 3: Release 3 - User Management, Reporting, Feedback, and Final Touches**

**Day 15-16: User Management**

* **Develop customer registration and login functionality**.
* **Develop hotel staff login functionality**.
* **Implement role-based access control**.
* **Test user management features**.

**Day 17-18: Reporting and Analytics**

* **Develop booking and revenue reporting features**.
* **Implement customer and booking pattern analytics**.
* **Test reporting and analytics features**.

**Day 19: Customer Feedback and Review System**

* **Develop customer feedback and review submission features**.
* **Implement hotel staff view and response to feedback**.
* **Test feedback and review system features**.

**Day 20-21: Final Review and Deployment**

* **Perform final integration testing**.
* **Conduct user acceptance testing (UAT)**.
* **Deploy the system to the production environment**.
* **Provide training and documentation to hotel staff**.