# Sprint 1 (2 weeks):

**User Authentication and Authorization**:

* + Develop user registration functionality.
  + Implement login/logout functionality.

**Security and Access Control**:

* + Begin implementing security measures for user credentials and sensitive information.

**Course Management**:

* + Start developing course creation and editing functionalities.

**User Roles and Permissions**:

* + Define user roles and permissions for each user type.

**Web Application for Administrators (Part 1)**:

* + Develop basic admin dashboard functionality.
  + Begin user management features.

**Mobile Application for Parents (Part 1)**:

* + Start developing parent mobile app with basic functionality.

# Sprint 2 (2 weeks):

**Web Application for Administrators (Part 2)**:

* + Continue with admin dashboard and user management features.

**Mobile Application for Parents (Part 2)**:

* + Continue developing parent mobile app with additional functionalities.

**Communication Tools**:

* + Start implementing messaging and announcement features.

**Web Application for Administrators (Part 3)**:

* + Complete admin dashboard features.
  + Add course management functionalities.

**Attendance Tracking and Reporting (Part 1)**:

* + Begin implementing attendance tracking functionality.
* **Security Enhancements**:
  + Continue implementing security measures.

# Sprint 3 (2 weeks):

**Attendance Tracking and Reporting (Part 2)**:

* + Complete attendance tracking functionality.
  + Develop basic reporting features.

**Mobile Applications for Students and Teachers (Part 1)**:

* + Start developing student and teacher mobile apps with basic functionalities.

**Mobile Applications for Students and Teachers (Part 2)**:

* + Continue developing student and teacher mobile apps with additional functionalities.

**Course Management Enhancements**:

* + Add more features to course management.

**Feedback and Support**:

* + Begin implementing feedback mechanisms.

# Sprint 4 (2 weeks):

**Communication Tools (Part 2)**:

* + Complete messaging and announcement features.

**Exam Management (Part 1)**:

* + Begin implementing exam creation and scheduling functionalities.

**Exam Management (Part 2)**:

* + Complete exam management functionalities.

**Integration and Compatibility Testing**:

* + Begin integrating different modules and conducting compatibility tests.

**Security and Performance Optimization**:

* + Continue enhancing security measures and optimizing performance.

# Sprint 5 (2 weeks):

**Mobile Applications for Parents, Students, and Teachers (Part 3)**:

* + Finalize mobile app development with additional functionalities.

**Reporting and Analytics**:

* + Develop reporting features and analytics for monitoring school performance metrics.

**Final Integration and Testing**:

* + Integrate all modules and conduct comprehensive testing.

**Usability Testing**:

* + Gather user feedback through usability testing and make necessary improvements.

**Documentation and Deployment Preparation**:

* + Prepare documentation and finalize deployment plans.