**Project plan**

* **Task 1: Research and finalize technology choices**  
  Identify and confirm the use of C#, ASP.NET MVC, SQL Server, GitHub for version control, and Visual Studio as the main IDE. This ensures that all future development is based on the correct technologies.
* **Task 2: Design and draft UML Class Diagram**  
  Create a UML class diagram that models the relationships between entities such as Lecturer, Claim, Claim Items, SupportingDocument, ProgrammeCoordinator, and AcademicManager.
* **Task 3: Create project solution and setup GitHub**  
  Initialize the solution in Visual Studio, structure the MVC project (Models, Views, Controllers), and create a GitHub repository for version control and collaboration.
* **Task 4: Implement Login/Registration View (XAML/ASP.NET)**  
  Develop the login and registration interface, including form validation and connection to the user database for authentication.
* **Task 5: Implement Lecturer Dashboard View**  
  Provide lecturers with a user-friendly dashboard where they can view claims, statuses, and navigation options for claim submission.
* **Task 6: Implement Claim Submission Form View**  
  Design and implement a form where lecturers can submit claims, attach supporting documents, and calculate totals.
* **Task 7: Implement Coordinator/Manager Approval View**  
  Create approval interfaces for Programme Coordinators and Academic Managers to review, approve, or reject claims.
* **Task 8: Write and finalize documentation report**  
  Document the design decisions, UML diagrams, implementation steps, and testing procedures for the prototype phase.
* **Task 9: Review and submit**  
  Conduct final testing, peer review, and submit the completed prototype with supporting documentation.

**Establish Dependencies**

* **Task 1 (Research)** must be completed before **Task 2 (UML Design)** and **Task 3 (Project setup)**.
* **Task 3 (Project setup)** must be completed before Tasks 4, 5, 6, and 7 (implementation tasks).
* **Tasks 4–7 (Views)** can be worked on sequentially, but all depend on the completion of Task 3.
* **Task 8 (Documentation)** depends on the progress and completion of all implementation tasks (Tasks 4–7).
* **Task 9 (Review & Submit)** can only begin once Task 8 is finished.

**Gantt Chart**  
