#### **Software Development Life Cycle (SDLC) for University Event Management Website**

#### **Design (Creating a Blueprint of the Project)**

The design phase focuses on creating a visual and technical blueprint for the University Event Management Website.

* **Wireframe and UI Design:**
  + Developed low-fidelity wireframes to map out the structure of key pages such as Home, Event Listings, Event Details, and Contact.
  + Designed adaptive layouts to support desktop, tablet, and mobile views, ensuring a consistent user experience across devices.
  + Used a university-themed color palette with smooth transitions and hover effects to create an intuitive and engaging interface.
* **Technical Structure:**
  + Organized the project using a modular folder structure with separate directories for assets (images, styles), components (header, footer, event cards), and pages.
  + Employed CSS Flexbox and Grid systems to implement responsive design across multiple screen sizes.
* **Technology Stack:**
  + **Frontend:** HTML for page structure, CSS for styling, and JavaScript for interactivity.
  + **Tools:** Git and GitHub were used for version control, code collaboration, and issue tracking.
* **Tracking and Collaboration:**
  + Task progress and responsibilities were managed through GitHub Projects with issue boards and milestones.

This design blueprint guides the development team in creating a cohesive, functional, and visually appealing website tailored to the needs of university event management.