**Front end Steps**

**1. Landing Page**

* **Header:**
  + Logo for **Project Gemini**
  + Navigation Bar: "Home," "Features," "How It Works," "Login/Sign Up," "Contact"
* **Hero Section:**
  + Catchy tagline: "Generate Your Final Year Project with Ease!"
  + Brief description of how the platform simplifies project writing
  + **Call to Action (CTA):** “Get Started” button that directs users to sign up or log in
  + Visuals: Students working on projects or engineering-themed imagery
* **Features Preview:**
  + Highlights key features with icons: "Automated Project Suggestions," "Step-by-Step Guidance," "Customizable Templates"
* **Footer:**
  + Links to privacy policy, terms of service, and social media accounts

**2. Dashboard (After Login)**

* **Sidebar Navigation:**
  + Dashboard Home
  + Generate Project
  + Saved Projects
  + Templates
  + Account Settings
  + Help & Support
* **Main Section:**
  + **Welcome Section:** Personal greeting with progress overview ("You have 2 projects in progress")
  + **Start a New Project:** Button that leads to the project generation workflow
  + **Recent Activity:** A timeline showing the user's recent projects or saved drafts

**3. Project Generation Page**

* **Step 1: Select Engineering Discipline**
  + Dropdown menu or icons for Mechanical, Electrical, Civil, etc.
* **Step 2: Choose Project Topic**
  + Search bar to input a topic or a list of pre-defined topics
  + Suggested project titles based on user input, using the text generation feature
* **Step 3: Define Sections**
  + Pre-built templates for common sections of a final year project (Introduction, Literature Review, Methodology, Results, Conclusion)
  + Editable fields where users can customize content generated by the platform
* **Step 4: Project Customization**
  + Options to input data (e.g., research variables or experiments)
  + Button to “Generate Text” for each section
* **Step 5: Review and Edit**
  + Full project overview with the option to edit sections or regenerate content
  + Real-time preview of the document
  + Option to save the project as a PDF or Word document

**4. Saved Projects Page**

* **List of Projects:**
  + Thumbnail of each saved project with title, date created, and status (Draft, Final)
  + Action buttons for "Edit," "Download," or "Delete"

**5. Help & Support**

* **FAQs:** Common questions and troubleshooting tips
* **Live Chat/Email Support** button

**6. Mobile Responsiveness**

* Ensure the UI is mobile-friendly, allowing students to access and generate content easily on phones or tablets.

This design provides a clean, organized flow for users to generate project content and interact with the platform smoothly. Would you like to expand on any particular section or feature?