7. Dashboard Design: Create a wireframe, Design and Prototype Dashboard UI page, add some Dashboard details, statistics and graphs, Add dropdown options for some dashboard details

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Overview:

A clean and professional dashboard UI was designed to present user activity metrics, knowledge trends, and leaderboard rankings in a structured and interactive format. The prototype simulates a company analytics dashboard with real-time filtering, intuitive data visualization, and categorized sections for seamless monitoring.

Problem:

Users managing large-scale data systems often struggle to make sense of raw numbers and disconnected reports. Without a centralized and interactive dashboard, it's difficult to monitor key metrics, track knowledge gain, or identify weak points effectively.

Solution:

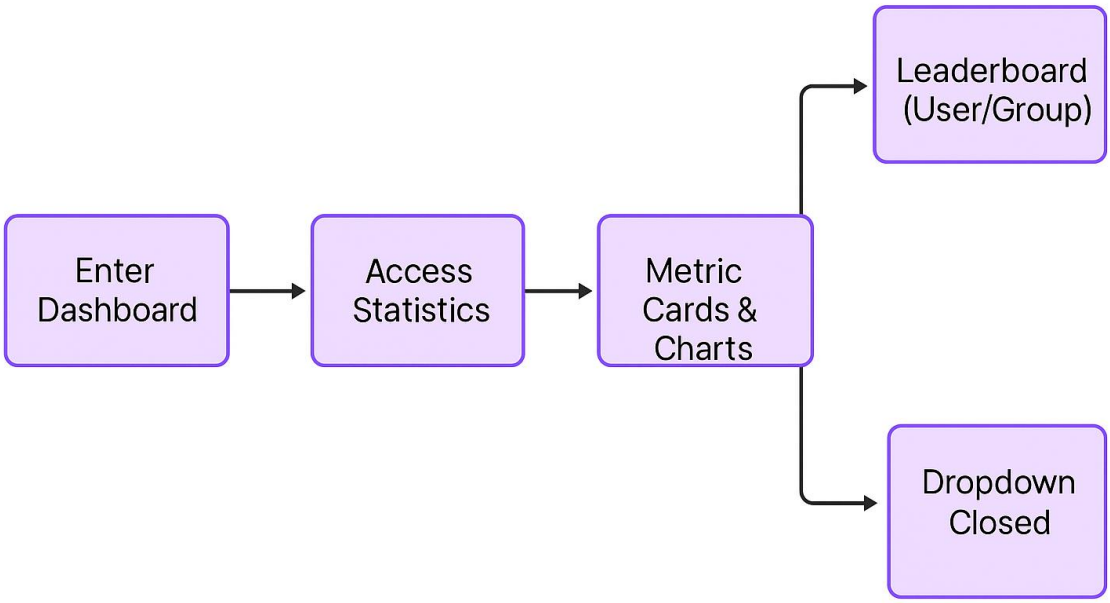
The dashboard design offers an organized and visually digestible layout, featuring dropdown filters, performance graphs, and knowledge-based statistics. The inclusion of weak/strong topic identification and leaderboards helps teams and individuals track progress and engagement over time.

Procedure:

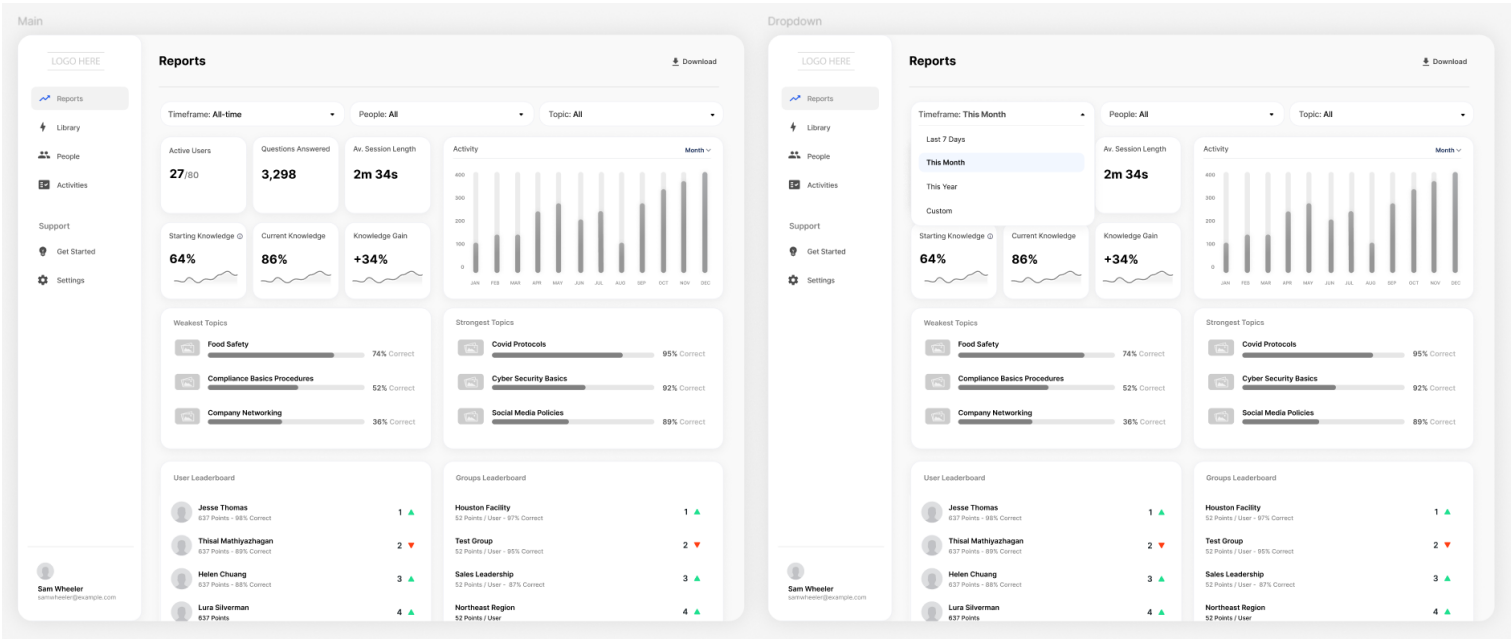
1. **Create Wireframes:**
   Wireframes were developed to outline the layout of sidebar navigation, header filters, data cards, and content blocks like charts and leaderboards.
2. **Select Layout:**
   A desktop dashboard layout was chosen to replicate the interface commonly used in enterprise environments with side navigation and horizontal data flow.
3. **Design Sidebar and Header:**
   The sidebar includes essential navigation links (Reports, Library, People, Activities, Settings), while the header incorporates dropdowns for Timeframe, People, and Topic filters, along with a download button.
4. **Add Dashboard Metrics and Charts:**
   Core dashboard cards were added to display statistics like Active Users, Questions Answered, Session Length, and Knowledge Gain. Bar graphs visualize monthly activity, with dropdowns to toggle time views.

5. **Design Topic Performance Blocks:**
   Dedicated sections for Weakest and Strongest Topics were added, each displaying topic names, thumbnails, and horizontal progress bars indicating correctness percentages.
6. **Implement Leaderboards:**
   User and Group leaderboards were introduced, ranking participants by score and accuracy to encourage friendly competition and performance tracking.
7. **Use Colors and Fonts:**
   A modern, neutral palette of whites, grays, and accent blues was applied to highlight important stats and interactions, paired with clean sans-serif fonts for readability.
8. **Add Interactions and Prototype Filters:**
   Prototype interactions were configured for dropdown menus and hover effects, simulating the dynamic filtering experience and showing how different views update based on selected parameters.

Flowchart:



Wireframe:



Design: