

DGMS APP DESIGN

Personal Project

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Overview:

The DGMS (Directorate General of Mine Safety) app streamlines access to mine safety information for both internal and external users. It features intuitive external and internal email-based logins, a dynamic homepage with a photo gallery, department highlights, and a "What's New" panel. Admin login provides privileged access, and a comprehensive menu offers downloadable resources like FAQs, tenders, and important links.

The app emphasizes user engagement with an officer dashboard displaying key metrics, including inspections, inquiries, permissions/exemptions/relaxations granted, approvals, and examination assistance. A dedicated page for the DG's message enhances communication.

The informative architecture ensures secure authentication, organized content, administrative privileges, a robust dashboard, effective communication, search functionality, and user feedback options. The DGMS app aims to provide a user-centric platform for efficient communication, information retrieval, and administrative management within the Directorate General of Mine Safety.

Objective:

The primary objective of the DGMS app is to streamline and modernize the user experience for individuals interacting with the Directorate General of Mine Safety. Key goals include:

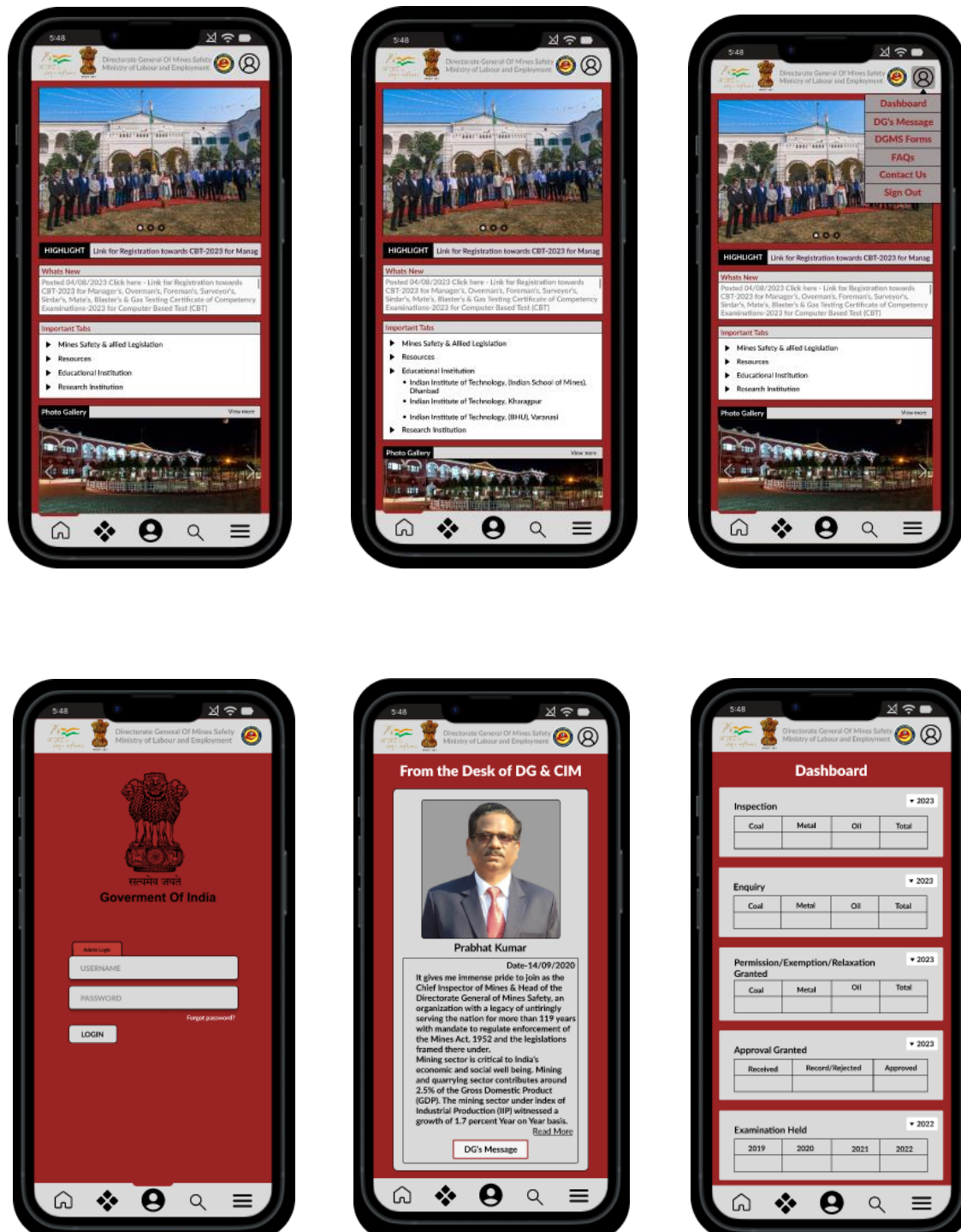
- **Enhanced Accessibility:** Provide a user-friendly interface that allows both internal and external users to access vital information easily.
- **Efficient Information Retrieval:** Enable quick access to critical documents, such as FAQs, tenders, and important links, by organizing them in a downloadable format within the app.
- **User Engagement:** Facilitate engagement through features like a photo gallery, department highlights, and a "What's New" panel, keeping users informed about the latest updates and achievements.
- **Administrative Management:** Empower administrators with a secure login and access to features that allow for efficient management of the DGMS platform.
- **Officer Dashboard:** Provide officers with a centralized dashboard displaying key metrics and charts related to inspections, inquiries, approvals, and examinations.

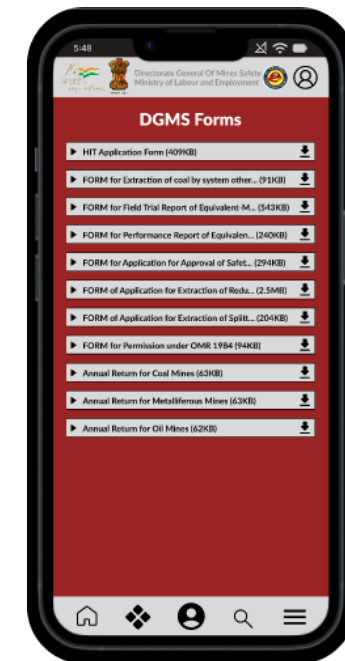
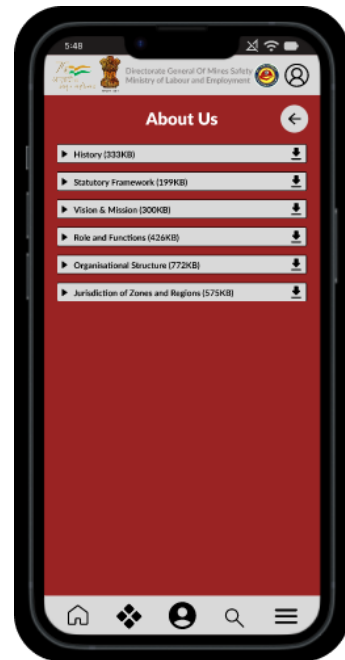
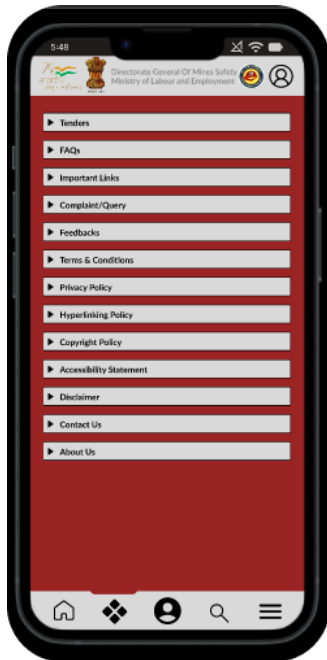
Design lifecycle:

The DGMS app design lifecycle begins with research and planning, defining objectives and user needs. Wireframing and prototyping follow for user feedback, leading to the implementation of a visually consistent design.

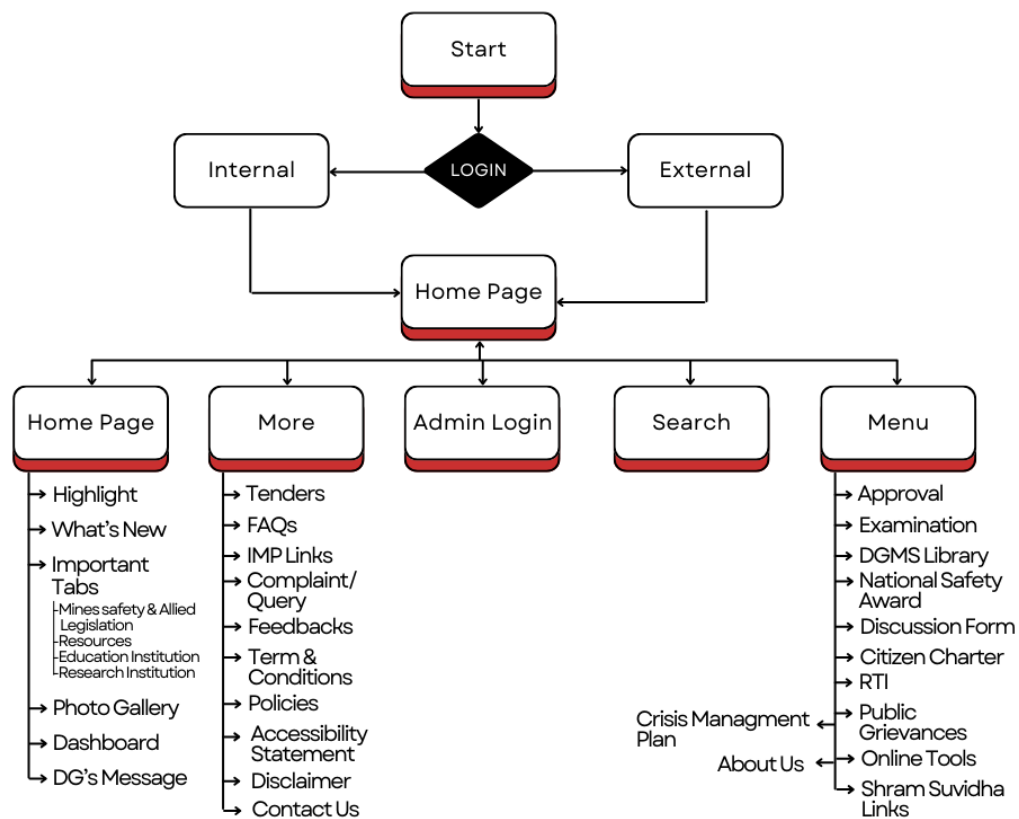
Development translates the design into functional code, and the app is then deployed on relevant platforms, ensuring a smooth transition to active use. This systematic approach ensures the DGMS app aligns with user expectations and operates effectively.

Design:





Informative architecture:



Prototyping link:

<https://www.figma.com/proto/ImQv1DBWUa6tlfsnplh7Er/app-v1?type=design&node-id=1-2&t=A136m7WvCpm16kmP-1&scaling=scale-down&page-id=0%3A1&starting-point-node-id=1%3A2&mode=design>