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D15A 16

Compensation work for Quiz

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Introduction to Flutter

- Developed by Google
- Open-source UI software development kit
- Cross-platform framework for building mobile, web, and desktop applications

Key Features

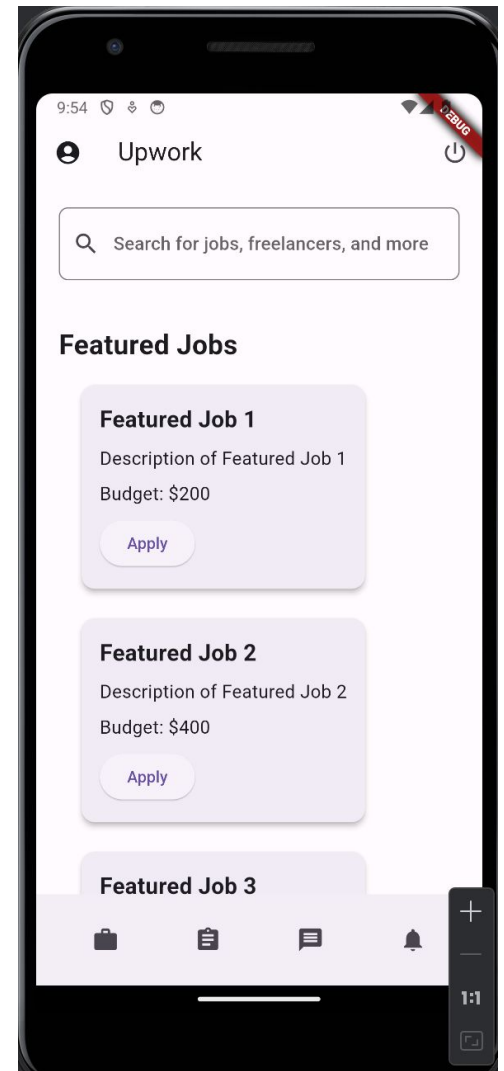
- Widgets: Rich library of pre-designed UI components
- Material Design & Cupertino: Built-in design languages for Android and iOS respectively
- Dart Programming Language: Modern, object-oriented language optimized for building user interfaces
- Access to device features: APIs for accessing device functionalities like camera, geolocation, and sensors
- Community support: Active developer community contributing plugins and packages

Home Page

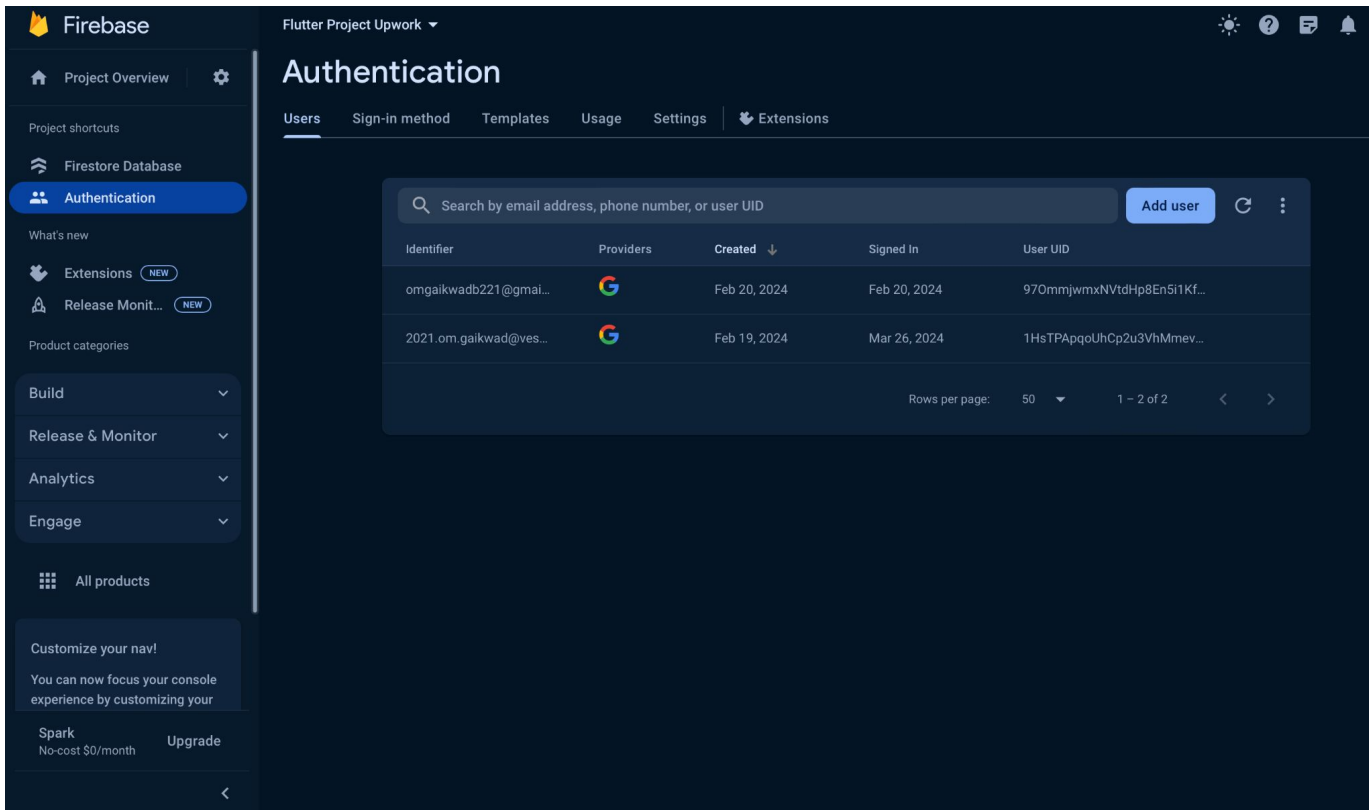
The Upwork Clone Home Page is a key component of our project, designed to replicate the functionality and aesthetics of the original Upwork platform.

Key Features:

- Search Functionality
- Featured Jobs Section
- Recommended Freelancers
- User Authentication
- Navigation Bar





Firebase Authentication Storage



The screenshot displays the Firebase Authentication console for the 'Flutter Project Upwork' project. The left sidebar contains navigation options: Project Overview, Project shortcuts (Firestore Database, Authentication), What's new (Extensions, Release Monitoring), Product categories (Build, Release & Monitor, Analytics, Engage), All products, and a Spark upgrade notice.

The main content area is titled 'Authentication' and includes tabs for Users, Sign-in method, Templates, Usage, Settings, and Extensions. The 'Users' tab is active, showing a table of users with columns for Identifier, Providers, Created, Signed In, and User UID. A search bar at the top allows filtering by email address, phone number, or user UID. An 'Add user' button is located next to the search bar.

Identifier	Providers	Created ↓	Signed In	User UID
omgaikwadb221@gmail...		Feb 20, 2024	Feb 20, 2024	970mmjwmxNVtdHp8En5i1Kf...
2021.om.gaikwad@ves...		Feb 19, 2024	Mar 26, 2024	1HsTPApqoUhCp2u3VhMmev...

At the bottom of the table, there is a pagination control showing 'Rows per page: 50' and '1 - 2 of 2'.

Firestore Authentication Storage

- **Integration:** Utilizes Firebase Authentication for secure user authentication and storage.
- **Data Security:** Firebase Authentication stores user credentials securely, safeguarding sensitive information.
- **Authentication Methods:** Supports various authentication methods such as email/password, Google Sign-In, and more.
- **Scalability:** Provides scalable authentication solutions suitable for apps of all sizes, from small startups to large enterprises.
- **Ease of Integration:** Firebase Authentication seamlessly integrates with Flutter apps, offering a hassle-free authentication process for users.

Messages Page

Introduction to Messages Page:

The Messages Page is a vital component of our Upwork clone, facilitating communication between freelancers and clients. It serves as a centralized platform for managing conversations related to projects and job opportunities.

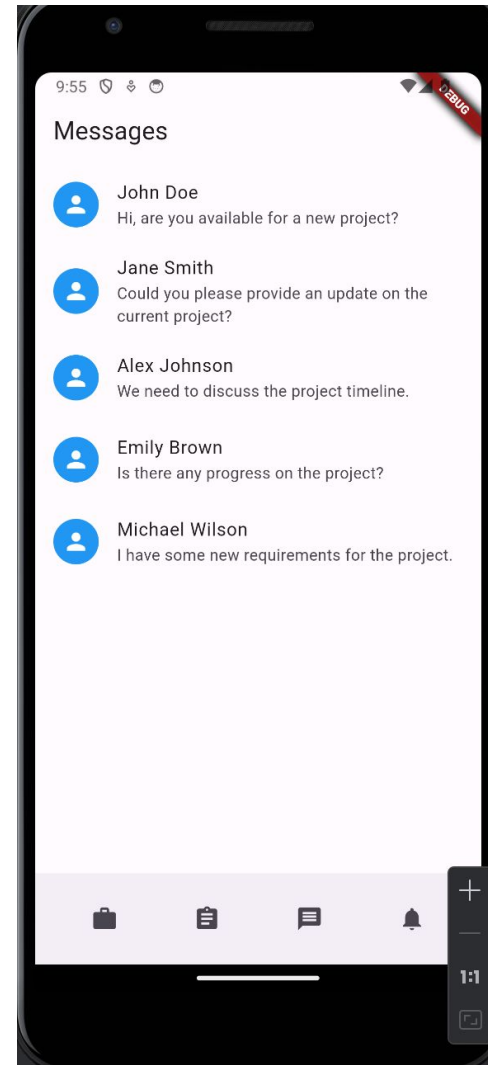
Key Features:

Conversation List: Displays sender's name, profile icon, and latest message.

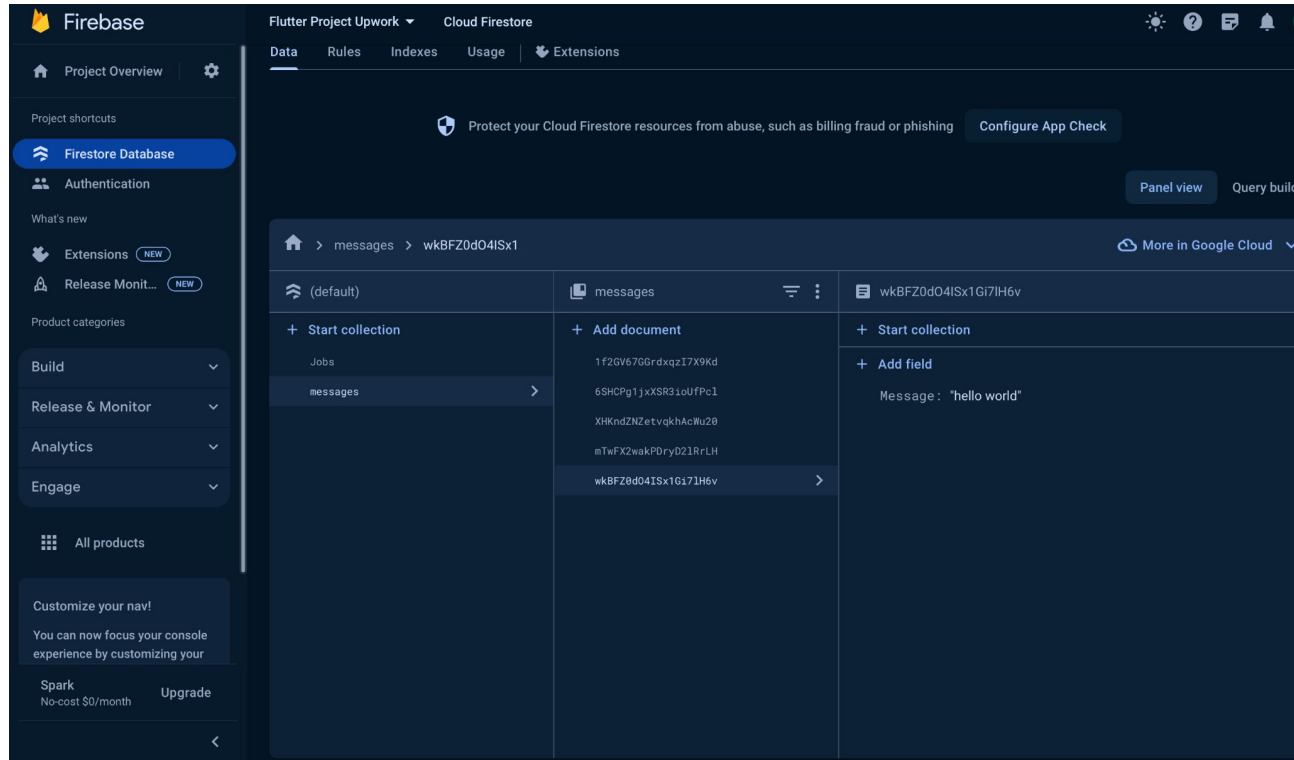
Conversation Screen: Dedicated screen for viewing conversation history and sending messages.

Real-time Messaging: Firebase Firestore enables seamless, real-time communication.

Navigation Integration: Easily accessible via bottom navigation bar for quick updates on project discussions.



Firebase database

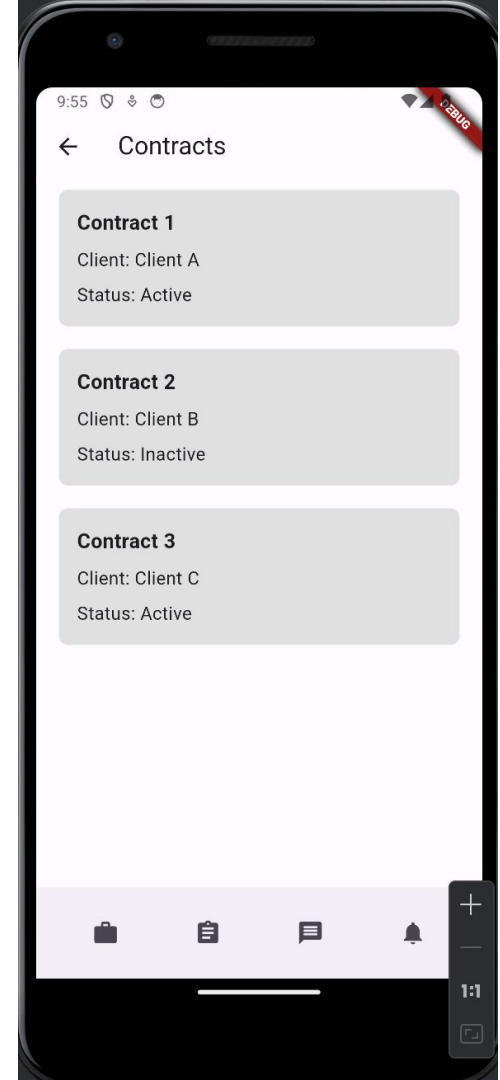


Firestore Database Connectivity

- **Integration:** Utilizing Firestore for seamless data storage and retrieval.
- **Message Saving:** Messages sent in conversations are securely stored in Firestore.
- **Real-time Updates:** Enables real-time synchronization of messages across devices.
- **Efficient Data Management:** Provides scalable and reliable data storage for managing conversation history.

Contracts Page

- **Purpose:** Displays contracts with clients, providing an overview of active and inactive engagements.
- **Features:**
 - Utilizes ContractBlock widgets to present contract details such as title, client name, and status.
 - Supports navigation through bottom navigation bar icons for seamless transition between Jobs, Contracts, Messages, and Notifications.
- **Design:**
 - Clean and minimalist design with grey background and simple text formatting for improved readability.
 - Each ContractBlock is visually distinct, enhancing user experience and navigation.



Profile Page

- **Purpose:** Provides a platform for users to view and manage their profile information.
- **Features:**
 - Displays user's profile picture, name, and email for identification.
 - Includes details such as location, skills, and experience to showcase user expertise.
 - Allows navigation to Jobs, Contracts, and Messages pages for further interaction.
- **Design:**
 - Utilizes a clean layout with profile picture, name, and contact details at the top.
 - Organizes additional details such as location, skills, and experience in a structured format.
 - Offers easy navigation buttons styled with green color for seamless access to other pages.

