### **Auto Jazeera Chat Module**

### **Overview:**

The chat module facilitates communication between users and dealers regarding specific ads posted on the platform. This document outlines the chat module's flow, highlighting key interactions and UI components for a seamless user experience.

### **1. Chat Initialization:**

* When a user opens an advertisement, a **chat button** is displayed.
* Clicking on the **chat button** initiates a conversation with the dealer who posted the ad.
* This allows users to communicate with dealers regarding their queries directly.

### **2. Chat Interface & Functionality:**

* The chat interface is designed to be simple and intuitive.
* Users can send plain **text messages** to the dealer.
* The dealer's **profile image** is displayed alongside the chat messages.
* The chat follows a **one-on-one messaging** model, ensuring direct communication between the user and the dealer.

### **3. Media Attachments (Mobile & Web Considerations):**

* On the **mobile version**, the option to send **images and files** has been added.
* On the **web version**, it needs to be confirmed whether this feature should be **enabled or removed** as per requirements.
* If media attachments are required on the web, the development team should ensure the proper handling of file formats and UI updates.

### **4. Message Handling & Delivery:**

* Messages sent via the chat module are stored and should be delivered in real time.
* Basic **message indicators** (such as sent, delivered, and read receipts) can be implemented for a better user experience.
* If any backend services are required for storing chat history, proper database structuring should be done.

### **5. Future Enhancements & Considerations:**

* If media attachments are to be supported across both platforms (mobile and web), a proper **file storage and retrieval system** should be in place.
* Push notifications for new messages can be considered for improved user engagement.
* Security aspects such as **user authentication** should be taken into account.

### **Conclusion:**

The chat module provides a direct and seamless way for users to interact with dealers regarding ads. The current implementation supports **basic text messages** with dealer profile images. The decision to include **media attachments on the web version** should be confirmed before proceeding with the final development.