User Manual - AR Learner

Android Application

Installation

1. Download the ARLearner APK from the provided link
2. Open the APK file on your Android device
3. Follow the installation prompts
4. Grant the app required permissions (camera, location, storage)

Home Screen

The main screen displays AR elements in your surroundings: - **AR Pins**: Blue pins appear when you're within 15 meters of a report location - **Mini-Map**: Click the circular button to show/hide a mini-map of nearby reports - **Navigation**: Use the bottom navigation bar to switch between screens

Map View

Access a bird's-eye view of all reports: 1. Tap the "Map" button in the bottom navigation 2. View all report pins across the map 3. Search reports by name or category using the search bar at the top 4. Tap on any pin to view details about that report 5. Use the arrow button to focus on your current location 6. Tap the "+" button to create a new report

Creating a Report

To add a new report: 1. Tap the "+" button from the Map screen 2. Select an image: - Take a new photo with your camera - Choose an existing image from your gallery 3. Fill in the report details: - Title: Enter a descriptive name - Description: Provide details about the location - Category: Select the appropriate category 4. Choose the location for your report: - Drag the map to position the pin - OR use your current location 5. Tap "Submit" to create the report

Info Screen (Chatbot)

Get information about your local area: 1. Tap the "Info" button in the bottom navigation 2. Type your question in the text field 3. Tap the send button to submit your query 4. The AI chatbot will respond with relevant information about your local area

Website

Accessing the Website

1. Open your web browser

2. Navigate to the provided website URL

Main Dashboard

The central hub for all reports: - View all reports displayed on a map - Use the search function to filter reports by name - Click on any report pin to view its details

Creating a Report (Website)

To add a new report via the website: 1. Click the "Add Report" button 2. Fill in the report form: - Title: Enter a name for the report - Latitude/Longitude: Enter the precise location coordinates - Description: Provide details about the location - Category: Select the appropriate category - Upload an image (optional) 3. Click "Submit" to create the report

Viewing Reports

To view all reports in list format: 1. Click the "Reports" tab in the navigation menu 2. Browse through all reports 3. Use the search function to filter reports by name 4. Click on any report to view full details

Chatbot

To interact with the AI chatbot: 1. Click the "Chatbot" tab in the navigation menu 2. Type your question about the local area 3. Press Enter or click Send 4. Review the AI's response with information about your query

Tips and Troubleshooting

- Ensure location services are enabled for AR functionality
- For best AR experience, use in well-lit areas
- If pins aren't appearing, try moving around to refresh your location
- Ensure you have a stable internet connection for chatbot features