Accidental Intelligence

🚀 Feature List

1. **User Profile Setup** – Age, gender, vehicle type, etc.
2. **Route Input & Map Display** – Shows path with blackspots using Google Maps
3. **Color-Coded Blackspots** –
   - 🔴 **Red**: Fatal
   - 🟡 **Yellow**: Serious Injury
   - 🟢 **Green**: General Injury
4. **Real-Time GPS Alerts** – Warns when entering accident-prone zones
5. **Accident Severity Prediction** – Classifies zones as Fatal / Serious / General
6. **Weather-Based Alerts** – Adjusts risk level in rain, fog, etc.
7. **Live Risk Score** – Dynamic risk meter (0–10) during the trip
8. **Driving Behavior Detection** – Detects harsh braking, overspeeding
9. **Sudden Turn Detection** – Alerts for sharp or risky turns
10. **Voice/Vibration Alerts** – Safer, hands-free notifications
11. **User Blackspot Reporting** – Users can report new danger zones
12. **Cloud Sync** – Sync user and blackspot data with Firebase
13. **TensorFlow Lite Integration** – On-device accident risk prediction