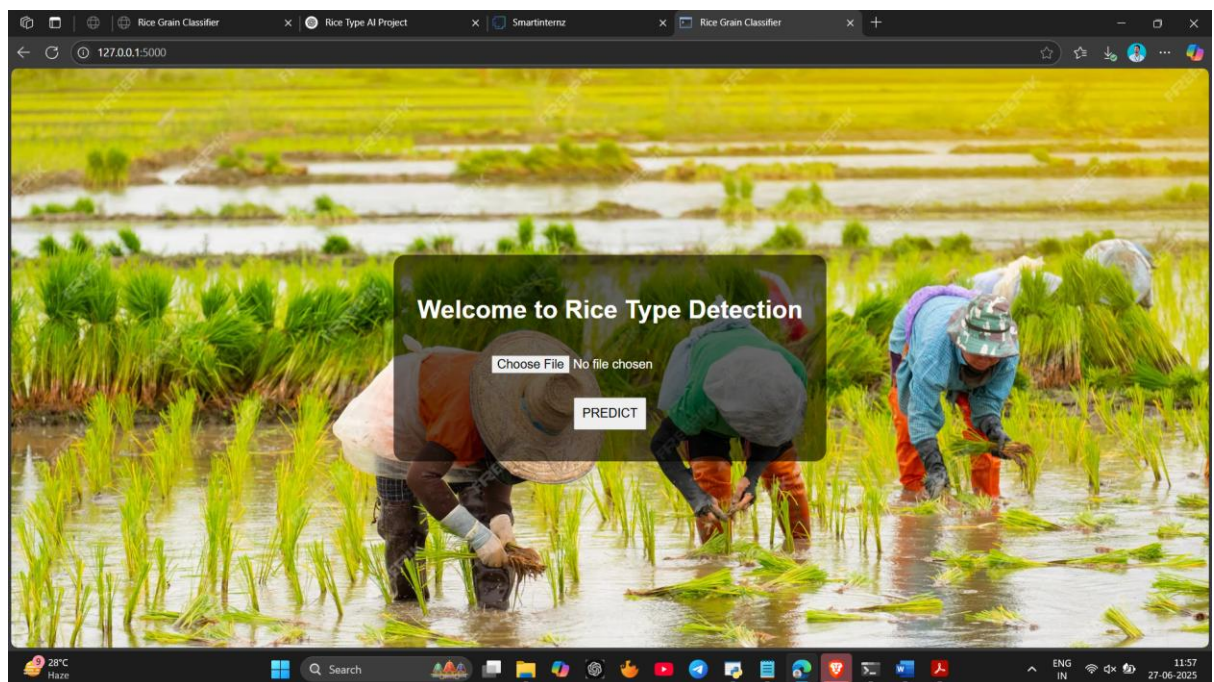## 10. FUTURE SCOPE

1. **Mobile App Integration**
   Extend the current web-based application into a mobile app for easier access in rural and remote areas.

2. **Real-Time Camera Integration**
   Add real-time detection from smartphone or webcam feeds instead of only image uploads.

3. **Multi-Grain Detection**
   Extend classification from rice grains to other grains like wheat, maize, barley, etc.



4. **Multilingual Interface**
   Support regional languages (e.g., Hindi, Telugu, Tamil) for better accessibility to Indian farmers.

5. **Authentication and Dashboard**
   Add login functionality, dashboard for users to track their past predictions, and analytics features.

6. **Cloud Deployment**
   Host the application on platforms like AWS or Heroku to make it globally accessible.