



Wheat Shield

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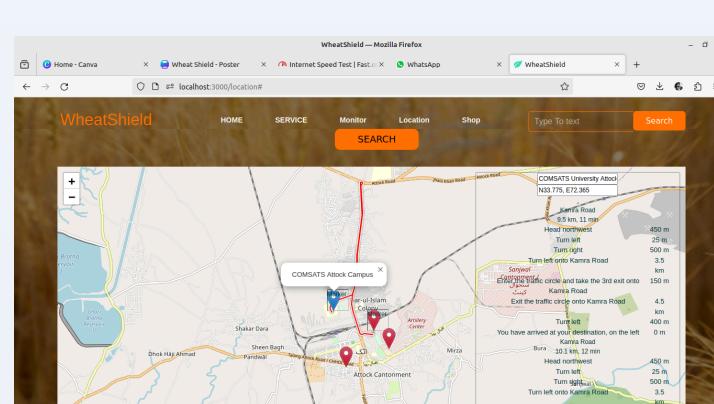
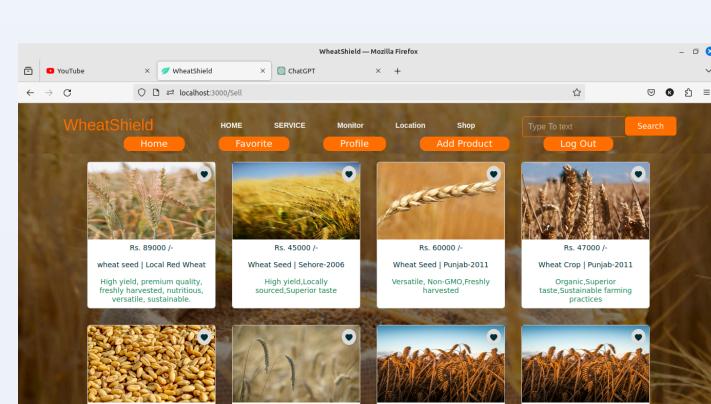
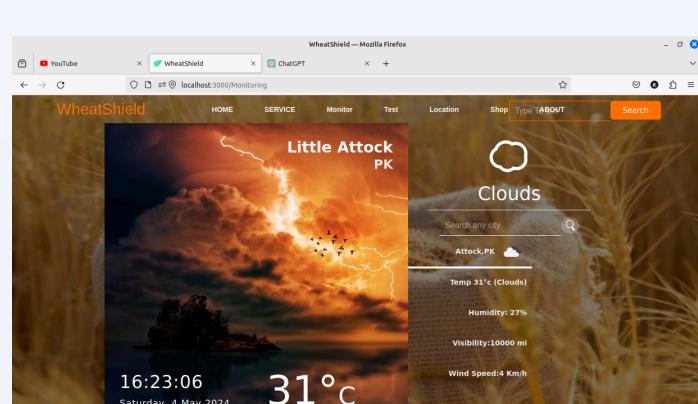
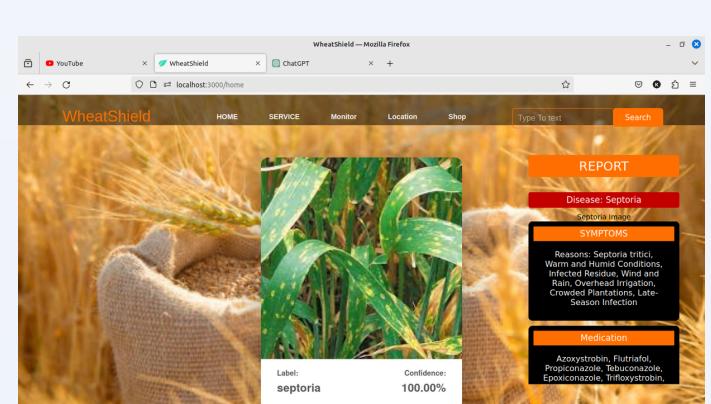
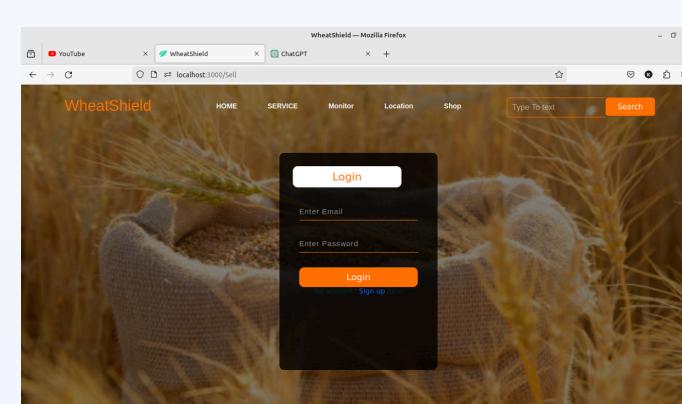
Introduction

- "Wheat Shield" is a web-app designed to assist farmers
- It uses deep learning model to detect wheat diseases like septoria and stripe rust .
- Real-time weather updates are provided through integrated weather APIs and location API for tracking Nearest Shops
- An e-commerce platform facilitates people for buying and selling agricultural products.
- The application aims to improve crop health, optimize management processes, and promote sustainable agriculture.

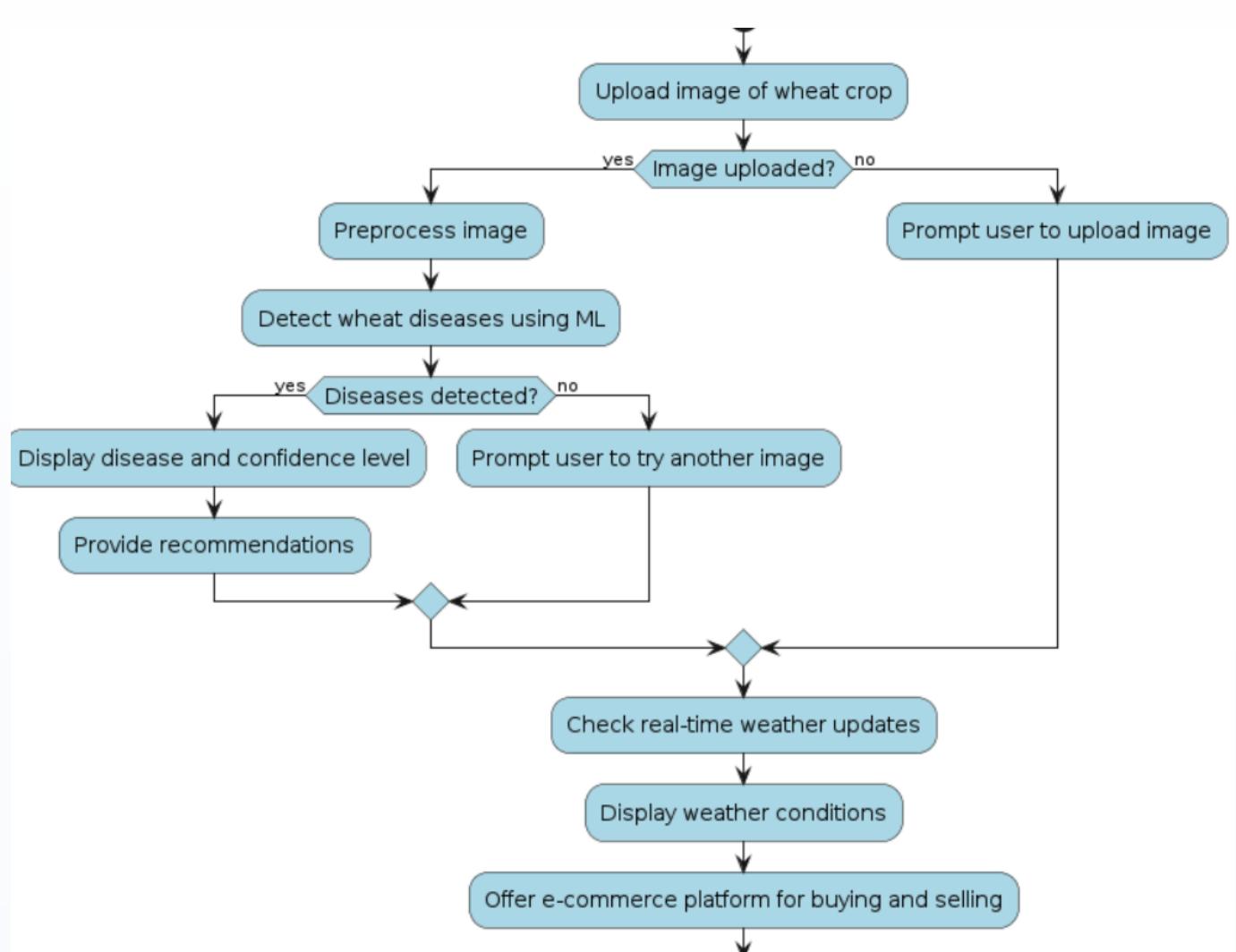
Objectives

- Detect wheat diseases
- Give report of symptoms and medicines
- Provide real-time weather updates
- Create an e-commerce platform to facilitate the buying and selling of agricultural products.
- Give live location of nearest medicine shop
- Promote sustainable agriculture by optimizing crop management processes.

User Interface



Architecture Design



Conclusion

- "Wheat Shield" combines different platform providing a comprehensive tool for improved crop management.
- The project successfully applies machine learning and real-time data integration to enhance farmers' decision-making.
- With its user-friendly design, "Wheat Shield" empowers farmers to take informed actions.

Future Directions

- "Wheat Shield" combines different platform providing a comprehensive tool for improved crop management.
- The project successfully applies machine learning and real-time data integration to enhance farmers' decision-making.
- With its user-friendly design, "Wheat Shield" empowers farmers to take informed actions.

Contact and Acknowledgement

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