

# DR DELIVERY



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# INTRODUCTION

- ❑ This is a REACT JS based full-stack , real time , web platform which allows people to do their shopping online while still having the freedom to choose where there grocery is brought from.
- ❑ This has intergrated all the 3 user types of online shopping in to a one platform such as customers, sellers and delivery persons.
- ❑ Allows user to view all the items which are available in a specific seller and their details.
- ❑ Allow sellers to view their orders and select delivery persons according their location
- ❑ Allow delivery persons to view their orders and deliver according to details.
- ❑ Improved security measures to provide a secure environment.

# TECHNOLOGIES

- ❑ HTML , CSS , Bootstrap 4 , react-strap, react - bootstrap for styling
- ❑ Java script , React JS , Redux JS , Redux Thunk and Stripe JS
- ❑ Firebase CloudFirestore
- ❑ Life Cycle Methods
- ❑ Single Page Application
- ❑ Redux state management with Model , View , Controller approach
- ❑ Real time data base updation
- ❑ User privileges are defined according to Access Control Lists
- ❑ All the data transfer between seller , buyer , delivery person are fully encrypted and transfer using HTTPS.
- ❑ Used asynchronous programming.

# METHODOLOGY

- Requirement identification and scope definition
- Designing
- Implementation
- Testing
- Deployment

# DEMONSTRATION

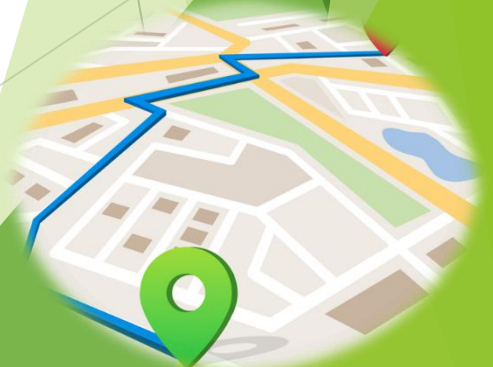
The background of the slide features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect. The shapes are concentrated on the right side and bottom, with some extending towards the left.

# CHALLENGES

- ❑ Security policy changes in firebase.
- ❑ Computational resources were not enough , there were so many crashes during development process.
- ❑ Frequent updates in React JS ,so cross origin errors and stack collapses occurred.
- ❑ Choosing the appropriate method to the development process. There are so many full stack options like MERN , React JS and firebase express back end, REACT JS and firebase.
- ❑ Had to change the method for development process 3 times during the development.

# FUTURE DEVELOPMENT

- **Developing the website to support multiple languages.**
- **Get direction and routes to the seller's location, delivery person and customer through optimization.**
- **Intergrating Stripe JS to back end converting using express middleware and cors middleware.**





# ACHIEVEMENTS

- **Getting familiar with Bootstrap 4, JavaScript in depth and React JS**
- **Getting familiar with Real time data base using Cloud Firestore and Mongo DB**
- **REDUX JS and state management using MVC approach**
- **Getting hands on experience in Node JS server creation with Express JS**
- **Got very good knowledge in asynchronous programming**
- **Inspiration to be a Full Stack Engineer**

# QUESTIONS

THANK YOU