



Established 2018

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Learnings by this Project :-

Making Scalable Project

Understanding the points where project can have issues

Linking of Various Components

Making the backend and frontend and then bringing both these components to work in harmony.

Working smoothly in JavaFX

This project helped us is making us familiar with a lot of JavaFX classes and objects which makes our life easier by provide some great methods.

Working in Team

Working in sync with our team member was essential for adding features to the project quickly.

Design And Implementation

Compatibility Around All Java Platforms

As we used Vanilla Java and JavaFX

User Ease and Elegant Design

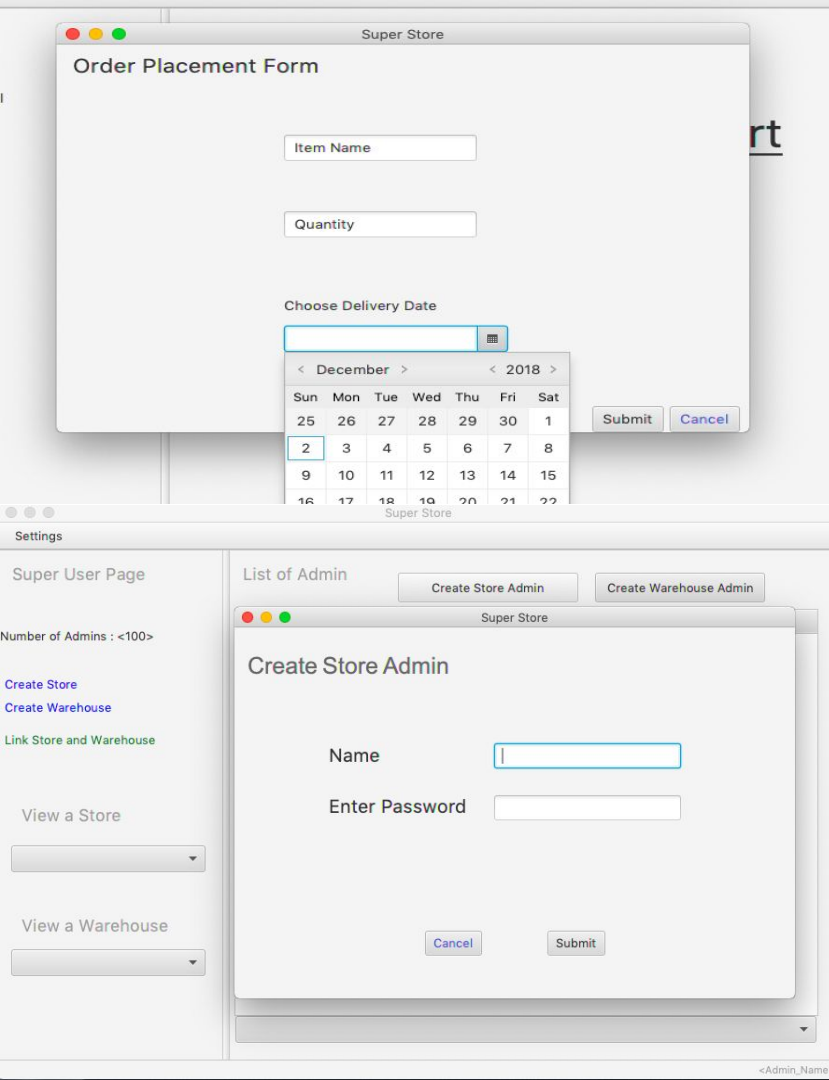
Simple and easy to use design has been a focus , implemented using FXML.

Time Complexity Independent of Size of Database

We have kept in mind of using functions which allow random access due to which we are avoiding looping over the whole database.

Avoiding Repetitive Code

As a clean implementation is necessary for a scalable project.



Order

View Cart

(H,D,K) :- (10,10,10)

Quantity Remaining 10



Individual and Teamwork

Redirecting Pages

Linking was an essential part of the project and became complex as our project grew and was majorly handled by Aarish

Serializing Data

After coming to a stage of a working application we needed to store the data of each run , it was simplified due to the OOP structure of the code and was majorly done by Anmol

Essential features for Project Completion

Even after implementation of the basic project we needed some essential features like browsing , searching and storing items for the end user , giving rights to each button/link according to the type of user , order placing algorithm. All these were implemented by both Anmol and Aarish and involved a lot of debugging each others code and learning to coordinate as a team.

Final touches to the project

Testing the project was done by both as it was fun to find bugs as each bug helped us in learning and polishing our concepts.

Order Placement Form

Choose Delivery Date

< December >							< 2018 >	
Sun	Mon	Tue	Wed	Thu	Fri	Sat		
25	26	27	28	29	30	1		
2	3	4	5	6	7	8		

Bonus : Date of Delivery

Problem

Sometimes we just want to order gifts for someone's birthday way before the birthday arrives , or maybe some other reason. There are many use cases similar to this where the end user may need date of delivery.

Solution

There is an option date to fill in order placement form , if the User doesn't wants to fill they it may deliver as soon as possible but if he fills the date then his/her order will be delivered on that specific date.

Date Widget : A good UI is essential

People belonging to different regions of the world may have different ways of representing date like dd/mm/yy or mm/dd/yy or maybe something else so we needed a universal way of taking the input so we used Date widget where it is extremely easy to insert just by selecting it.