HotShop

Team://TODO

Dylan Pranga, Taylor Haag, Raunak Shahi

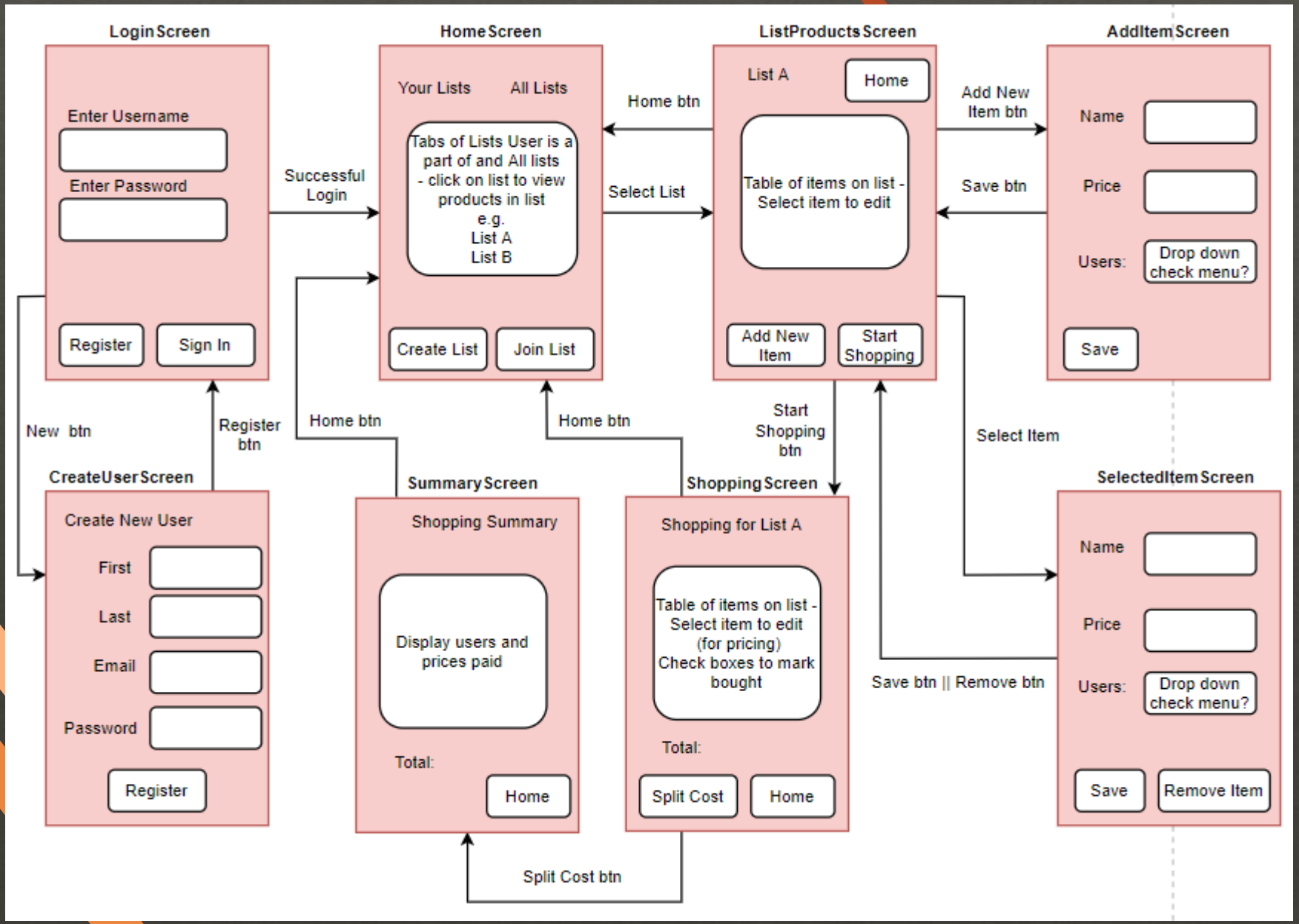
HotShop 101

How many times have you walked aimlessly through a grocery store trying to remember what was on your shopping list, only to buy several things you didn't need? This all-in-one app simplifies the process of keeping track of your groceries at home and splits expenses in a fair and efficient way. HotShop is an easy shopping app that can be used by the whole household to ensure that you never forget your groceries again.

Who?	What?	Why?
• Anyone who eats ☺ • Families • Roommates	• Create separate shopping lists • Mark the consumers of the items • Split the shopping list cost by what each person uses	• Save time • Save money • Save relationships

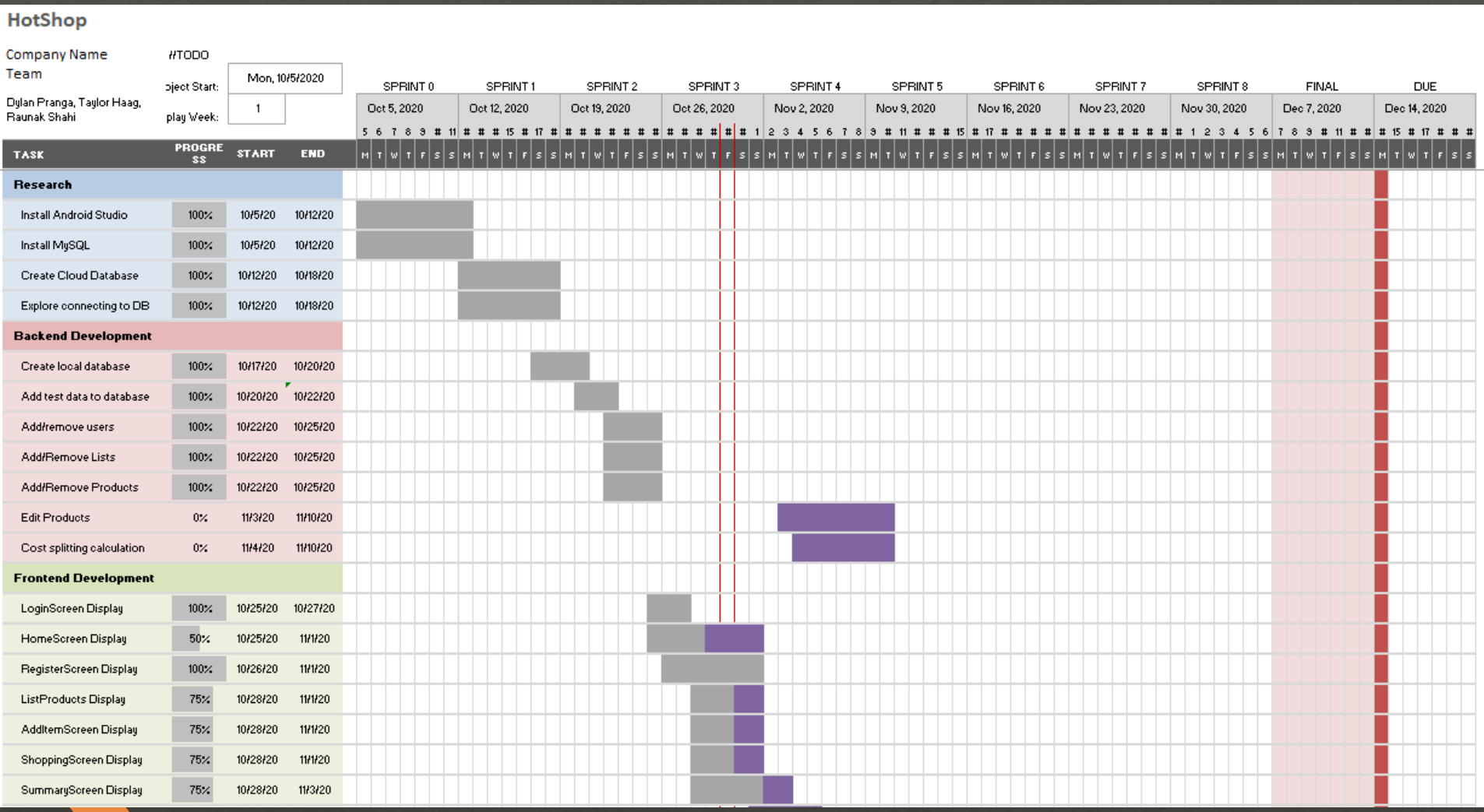
DP

Program Flow



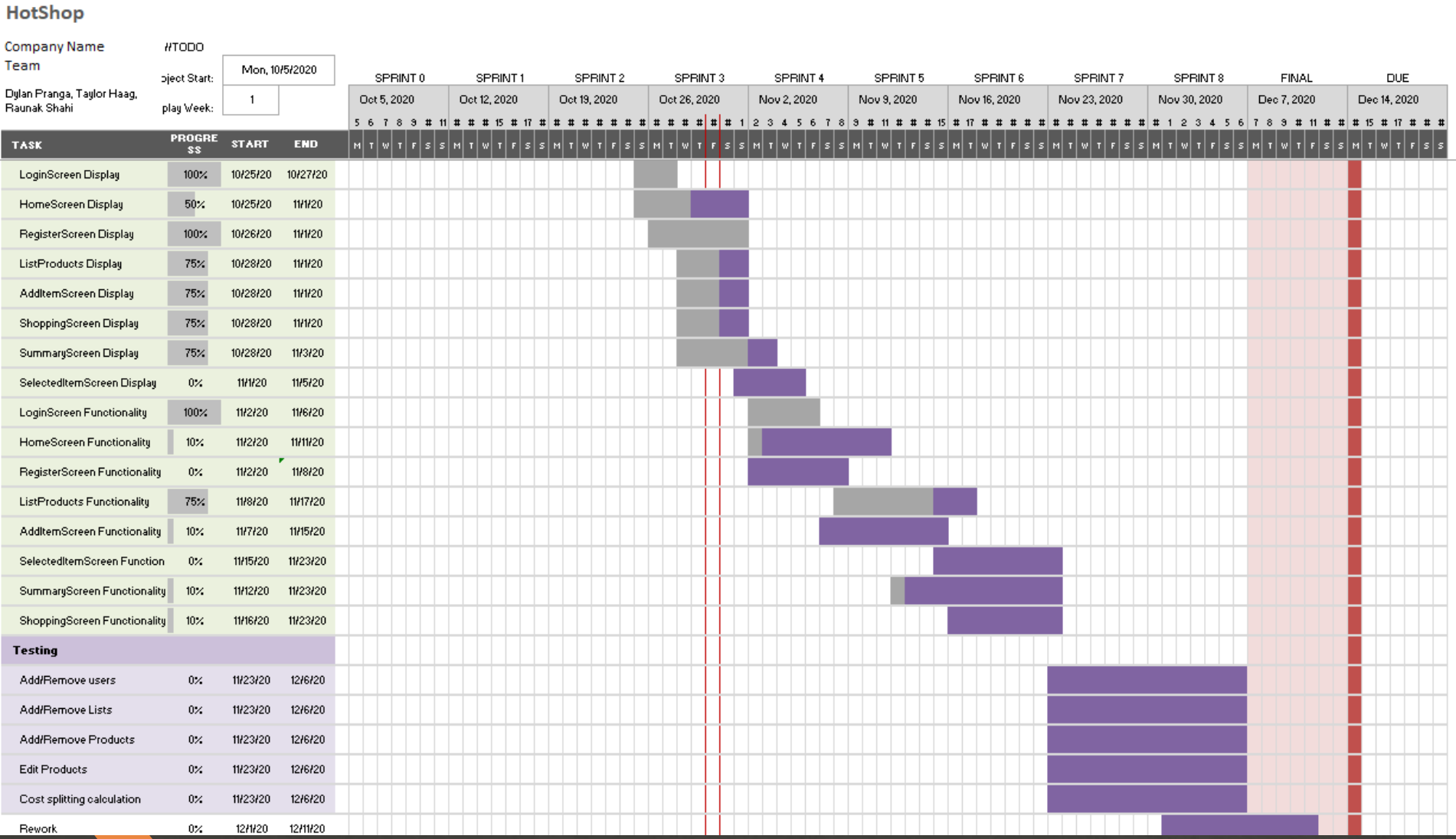
DP

TIMELINE


HotShop
Company Name
#TODO
Team
Dylan Pranga, Taylor Haag, Raunak Shahi
Project Start: Mon, 10/5/2020
Display Week: 1
SPRINT 0
SPRINT 1
SPRINT 2
SPRINT 3
SPRINT 4
SPRINT 5
SPRINT 6
SPRINT 7
SPRINT 8
FINAL
DUE
Oct 5, 2020
Oct 12, 2020
Oct 19, 2020
Oct 26, 2020
Nov 2, 2020
Nov 9, 2020
Nov 16, 2020
Nov 23, 2020
Nov 30, 2020
Dec 7, 2020
Dec 14, 2020
TASK
PROGRESS
START
END
Research
Install Android Studio 100% 10/5/20 10/12/20
Install MySQL 100% 10/5/20 10/12/20
Create Cloud Database 100% 10/12/20 10/18/20
Explore connecting to DB 100% 10/12/20 10/18/20
Backend Development
Create local database 100% 10/17/20 10/20/20
Add test data to database 100% 10/20/20 10/22/20
Add/remove users 100% 10/22/20 10/25/20
Add/Remove Lists 100% 10/22/20 10/25/20
Add/Remove Products 100% 10/22/20 10/25/20
Edit Products 0% 11/3/20 11/10/20
Cost splitting calculation 0% 11/4/20 11/10/20
Frontend Development
LoginScreen Display 100% 10/25/20 10/27/20
HomeScreen Display 50% 10/25/20 11/1/20
RegisterScreen Display 100% 10/26/20 11/1/20
ListProducts Display 75% 10/28/20 11/1/20
AddItemScreen Display 75% 10/28/20 11/1/20
ShoppingScreen Display 75% 10/28/20 11/1/20
SummaryScreen Display 75% 10/28/20 11/3/20

TH

TIMELINE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TASK
PROGRESS
START
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LoginScreen Display 100% 10/25/20 10/27/20
HomeScreen Display 50% 10/25/20 11/1/20
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ListProducts Display 75% 10/28/20 11/1/20
AddItemScreen Display 75% 10/28/20 11/1/20
ShoppingScreen Display 75% 10/28/20 11/1/20
SummaryScreen Display 75% 10/28/20 11/3/20
SelectedItemScreen Display 0% 11/1/20 11/5/20
LoginScreen Functionality 100% 11/2/20 11/6/20
HomeScreen Functionality 10% 11/2/20 11/11/20
RegisterScreen Functionality 0% 11/2/20 11/8/20
ListProducts Functionality 75% 11/8/20 11/17/20
AddItemScreen Functionality 10% 11/7/20 11/15/20
SelectedItemScreen Function 0% 11/15/20 11/23/20
SummaryScreen Functionality 10% 11/12/20 11/23/20
ShoppingScreen Functionality 10% 11/16/20 11/23/20
Testing
Add/Remove users 0% 11/23/20 12/6/20
Add/Remove Lists 0% 11/23/20 12/6/20
Add/Remove Products 0% 11/23/20 12/6/20
Edit Products 0% 11/23/20 12/6/20
Cost splitting calculation 0% 11/23/20 12/6/20
Rework 0% 12/1/20 12/11/20

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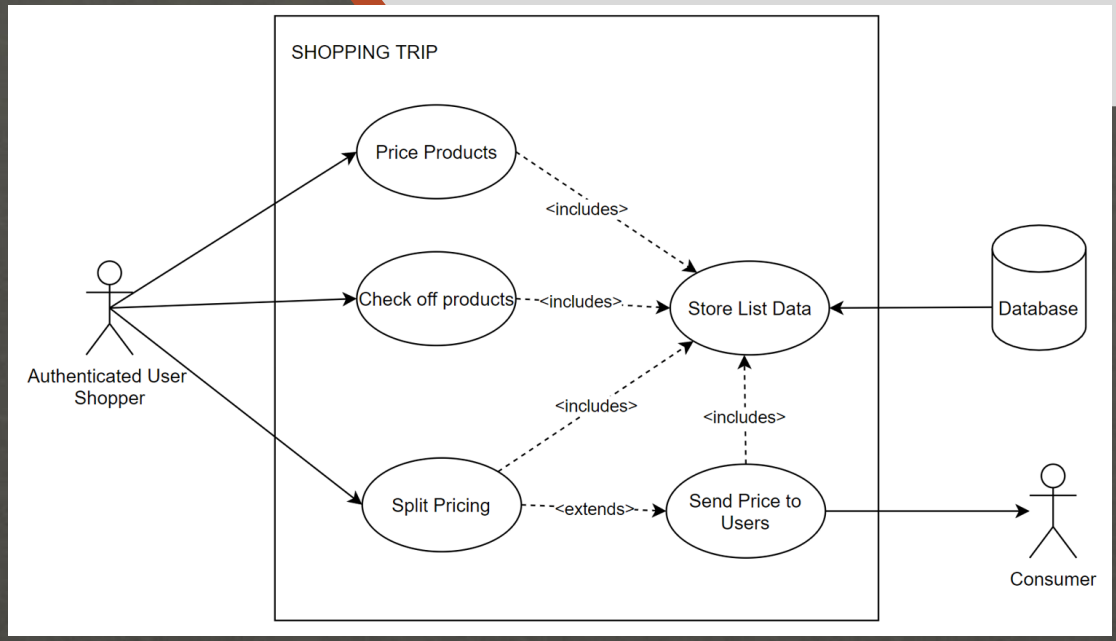
Shopping Trip Use-Case Diagram



Use Case:
- **Split pricing**

Actors:
- Authenticated user, database, product consumers

Description:
- When the user completes shopping, he/she can choose to split pricing of the products based on the consumers of the product. This will update and store the new list data to the database and summarize price owed by each consumer.

Requirements:
- R3.1: The application shall calculate the split cost of the completed shopping based on the items bought, price of the products input by the user, as well as the specified consumers receiving the product.

Use Cases:
- User must already be logged in and authenticated. The user must have already added items to a list, priced them, and marked the product consumers.

RS

DEMO