Helwan University - Faculty of Computers & Artificial Intelligence – Computer Science Department
Module: CS352 Software Engineering 2 – Spring “Semester 2” 2023-2024

A Project Report On Online Book Shopping

Prepared By:

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Helwan University - Faculty of Computers & Artificial Intelligence – Computer Science Department
Module: CS251 Software Engineering 1 – Spring “Semester 2” 2022-2023

Instructor: Dr.Salwa Osama

Course:SW ENINEERING-2

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Omar Hamdy Korany

TA: Eng/ Abd El Azize

Section: SW Engineering-2

Date: 8/5/20214

SE-2 COURSE PROJECT (COVER SHEET)

Project Guidelines:

- As a team you are free to choose any project idea
- Spring Boot framework (REST APIs) for implementation is mandatory, You can choose any Front -End technology.
- Team members: 6 ~ 7 members
- Deliver all the required deliverables: Source Code, Project documentations: Uploaded to GitHub
- A form will be filled out by the team leader later before the discussion

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Project Name: ONLINE BOOK SHOPPING

	ID	FULL NAME (IN ARABIC)	ATTENDENCE	FINAL GRADE
1	20210382	زياد وائل محمد علي		
2	20210655	فادي نبيل موريس إبراهيم		
3	20210468	شهد محمد إبراهيم حسن		
4	20210467	شهد فرج حسن إبراهيم		
5	20210457	شمس سمير كمال عبد الفتاح		
6	202000591	عمر حمدي قرني قرني		

Grading criteria:

Items	Grade	Notes

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SRS (Use Case Diagram, Activity Diagram, Sequence Diagram, Class Diagram, ERD)	10%	
SDD (Project detailed documentation)	10%	
Validation	15%	
OCL	20%	
ASOP (Aspect Oriented programming)	20%	
Microservices	5%	
Cloud	20%	

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– NON-FUNCTIONAL REQUIREMENTS

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– OVERALL ARCHITECUTRE 4.2

– LAYERED ARCHITECTURE 4.3

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– ERD MODEL 5.2

– DATABASE SPECIFICATION

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– CUSTOMER 7.2

– ADMIN 7.3

-DEVELOPER

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Introduction:

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This project definitely helps the user to buy anythingfrom the internet because in the Online Book canpurchase anything with clicking of the some button of themouse and pressing some keys of the keyboard ' entering your credit card no. in that.By using this project(the user can save his or her timeby purchasing the product which time they are wasting by roaming in the market.)rom here(they can get most probably all the things they want besides fast moving Entertainmentgoods. They have various choices in the one Collection.

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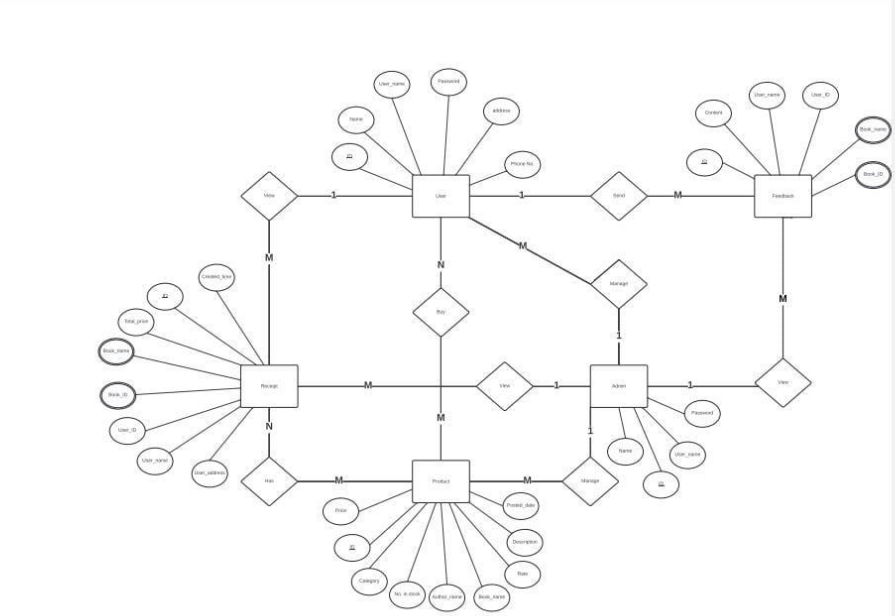

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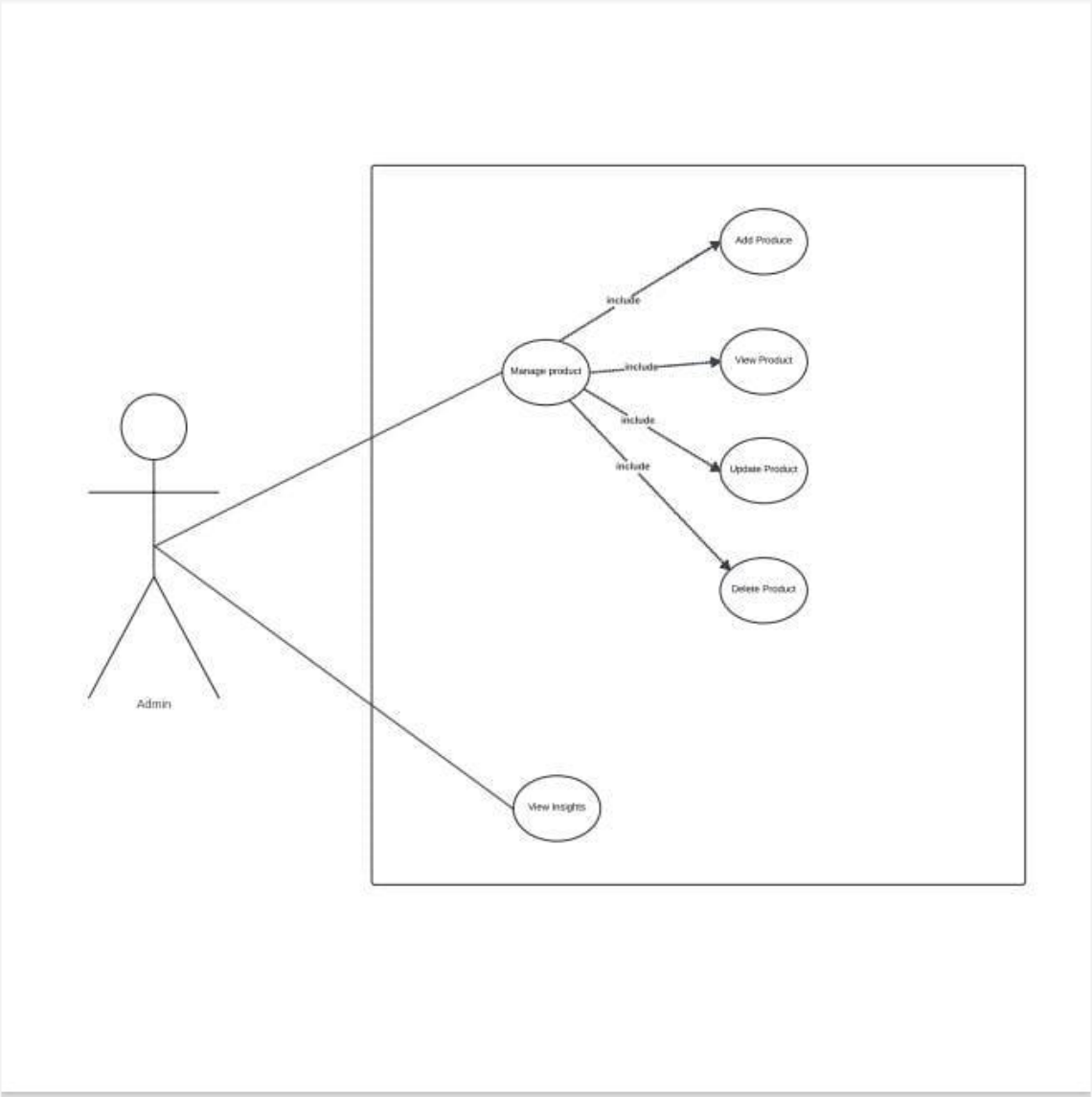
Add Produce
include
Manage product
include
View Product
include
Update Product
include
Delete Product
Admin
View Insights

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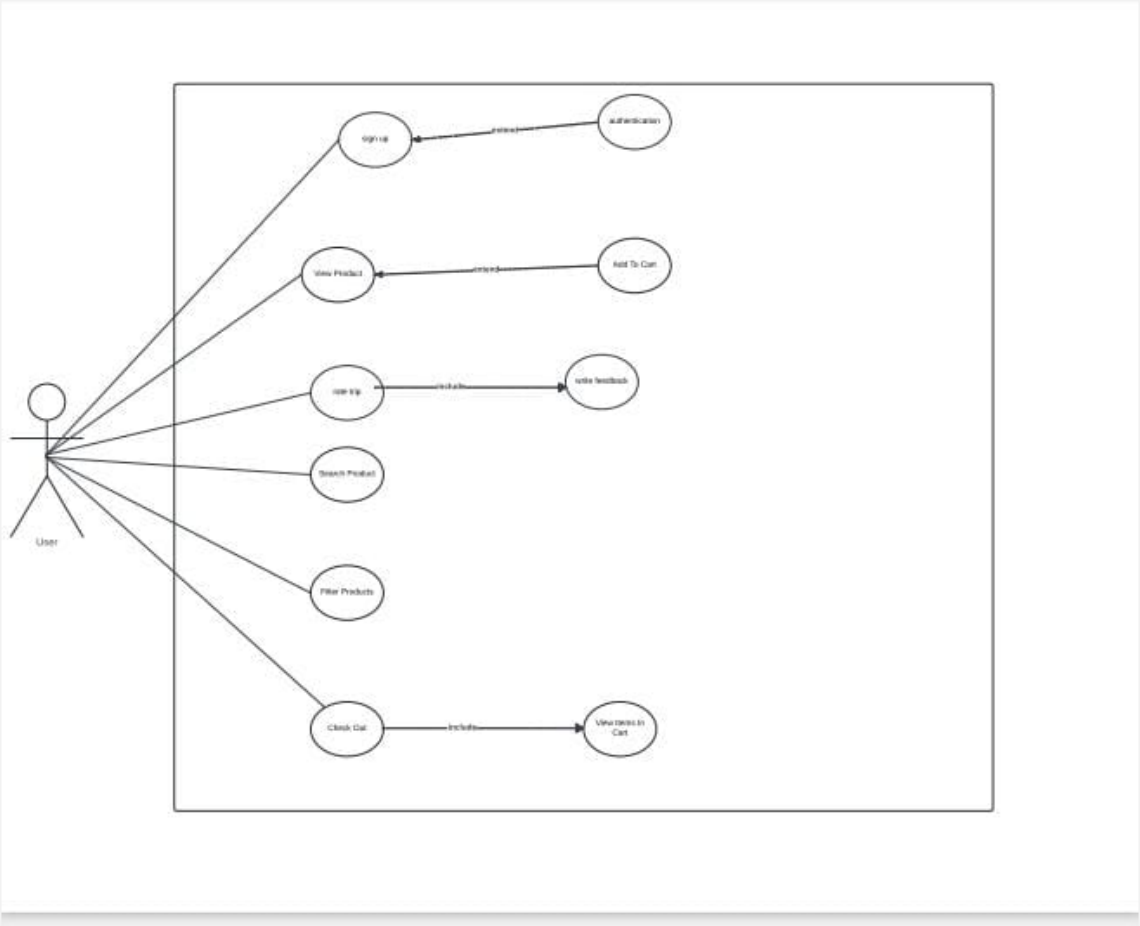
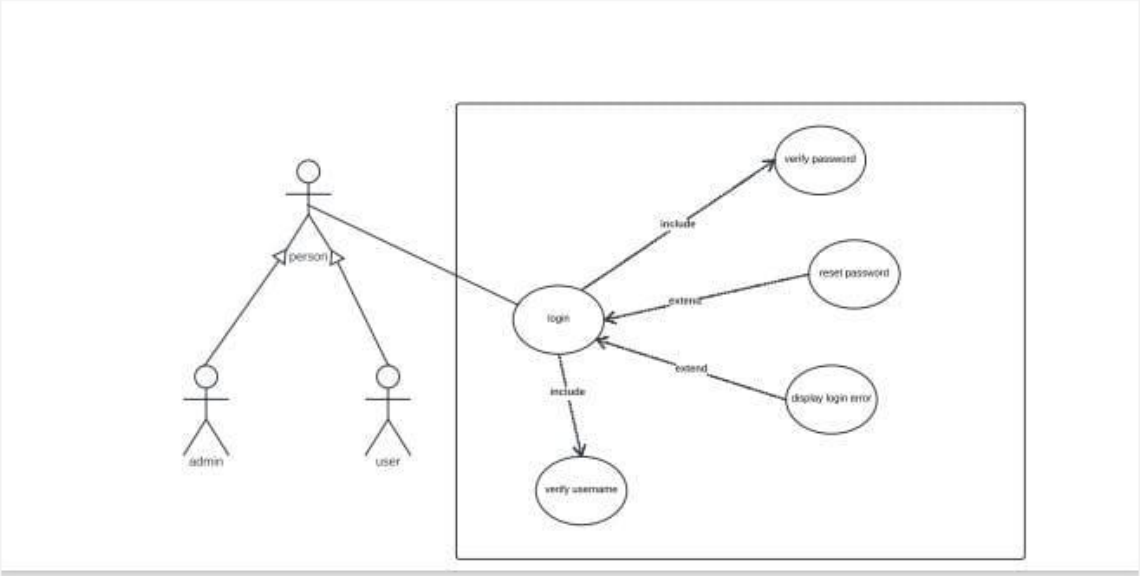

User


person
admin
user
login
verify password
include
reset password
extend
extend
display login error
include
verify username

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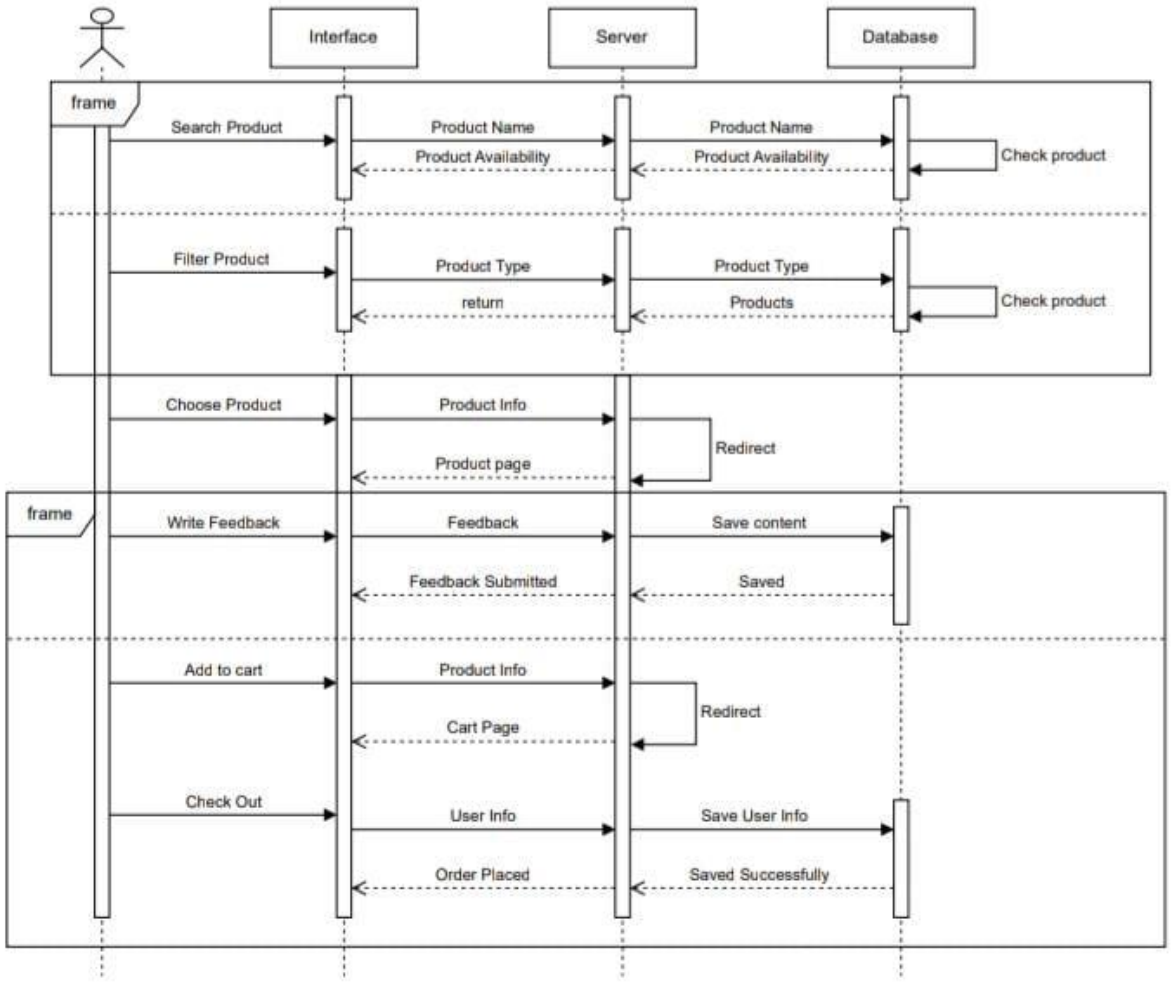
Interface
Server
Database
frame
Search Product
Product Name
Product Availability
Product Name
Product Availability
Check product
Filter Product
Product Type
return
Product Type
Products
Check product
Choose Product
Product Info
Product page
Redirect
frame
Write Feedback
Feedback
Feedback Submitted
Save content
Saved
Add to cart
Product Info
Cart Page
Redirect
Check Out
User Info
Order Placed
Save User Info
Saved Successfully

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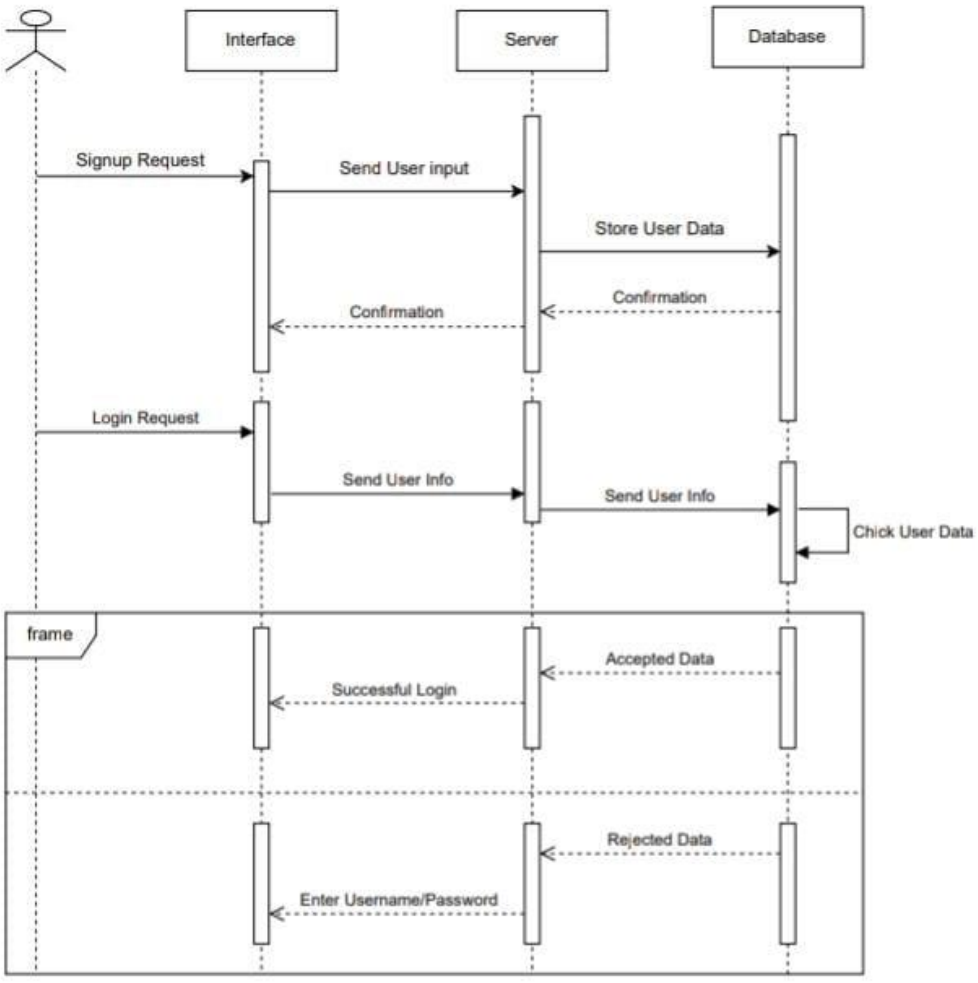
Interface
Server
Database
Signup Request
Send User input
Store User Data
Confirmation
Confirmation
Login Request
Send User Info
Send User Info
Chick User Data
frame
Accepted Data
Successful Login
Rejected Data
Enter Username/Password