Cairo University Faculty of Computers and Artificial Intelligence



**Advanced SE**

**Software design specification document**

**2022**

**Project Team**

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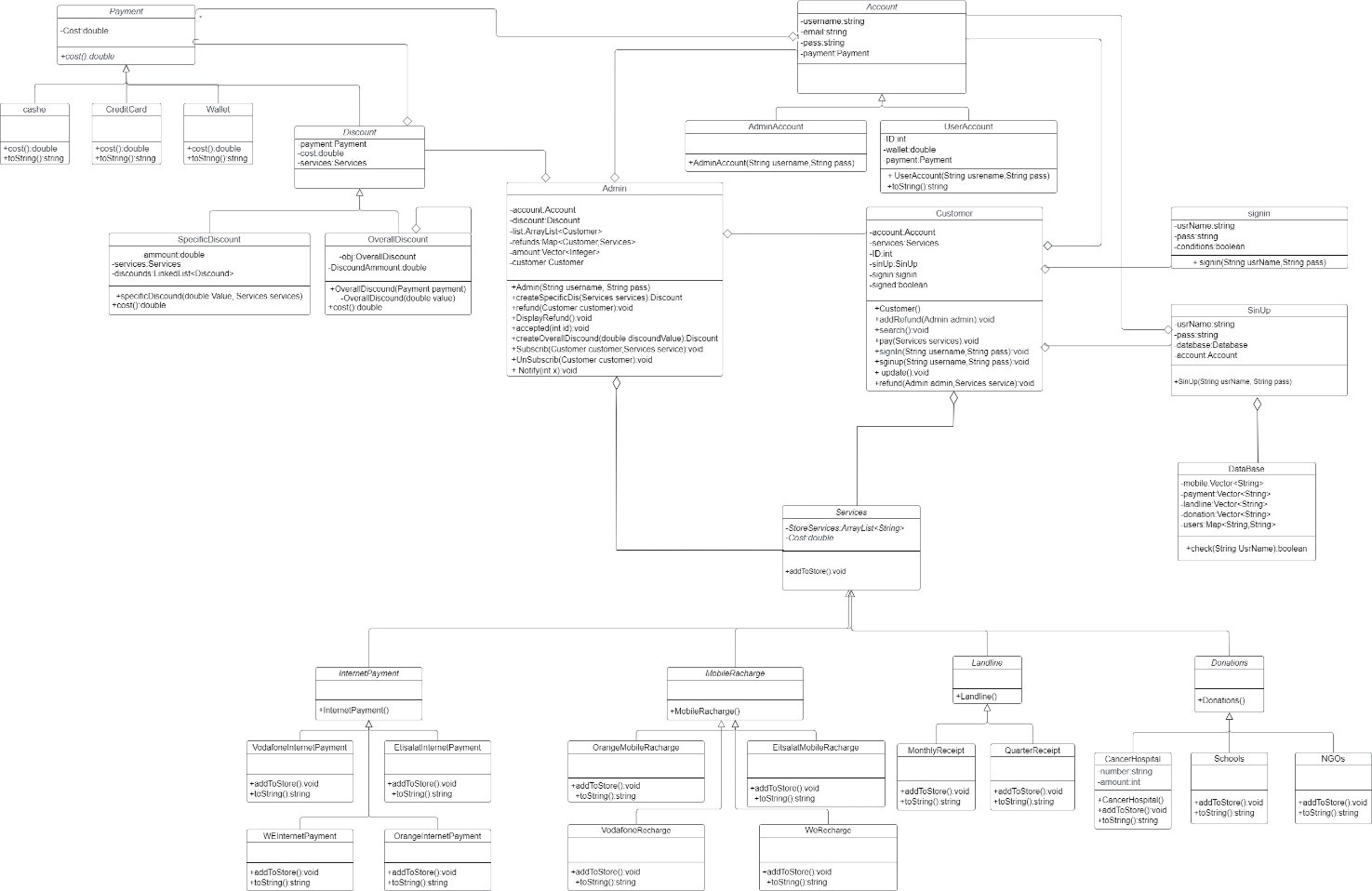
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# Instructions[To be removed]

* **IMPORTANT. Rename this document to** CS352\_LabGroupNumber\_Phase1\_StudentID1\_StudentID2\_StudentID3\_StudentID4**\_SDS Document.docx**
* **Remove the following notes and any red notes**

# 

# Class diagram design



# Class diagram Explanation

* **We use decorator pattern in discount because we have different type of discount,**

# 

# Sequence diagram design

1. **Specific discount**

Diagram

Description automatically generated

# 

# Payment

Diagram

Description automatically generated

# Diagram, schematic Description automatically generatedsign UP

# Custmor refund

Diagram

Description automatically generated

# Sign in

Diagram

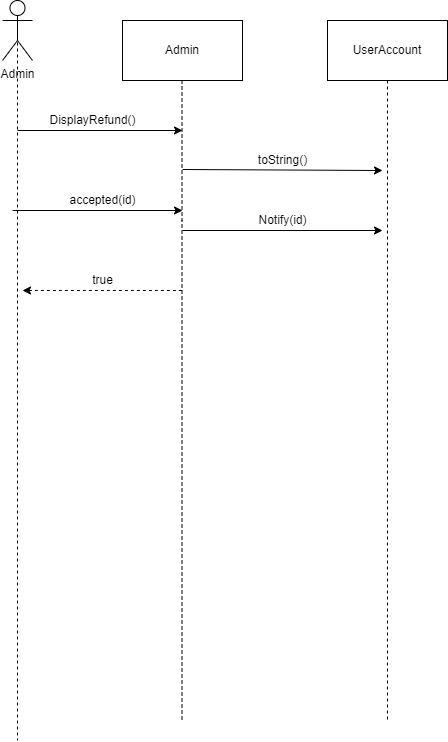
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# Search

Diagram

Description automatically generated

# Admin



# GitHub repository link

* **https://github.com/Abdallah531/Advanced-Software-Project.git**