Cairo University Faculty of Computers and Artificial Intelligence



**Software design specification document**

**2023**

**Project Team**

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# Class diagram design

**A computer screen shot of a computer code

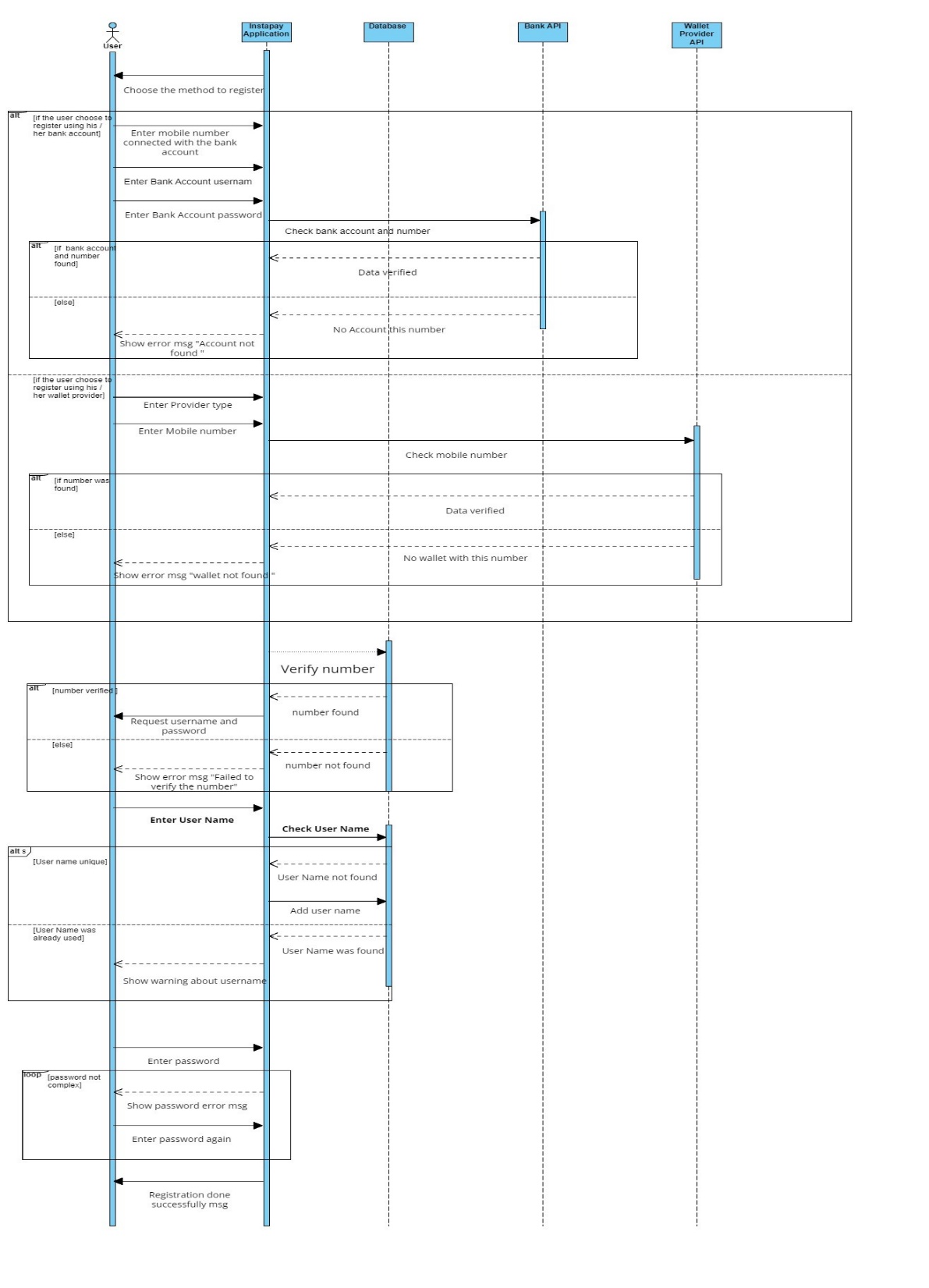
Description automatically generated with medium confidence**

# Class diagram Explanation

* Used Strategy Pattern
* Applied open-closed principle.
* Applied single responsibility.

# Sequence diagram design

**1 – Register**

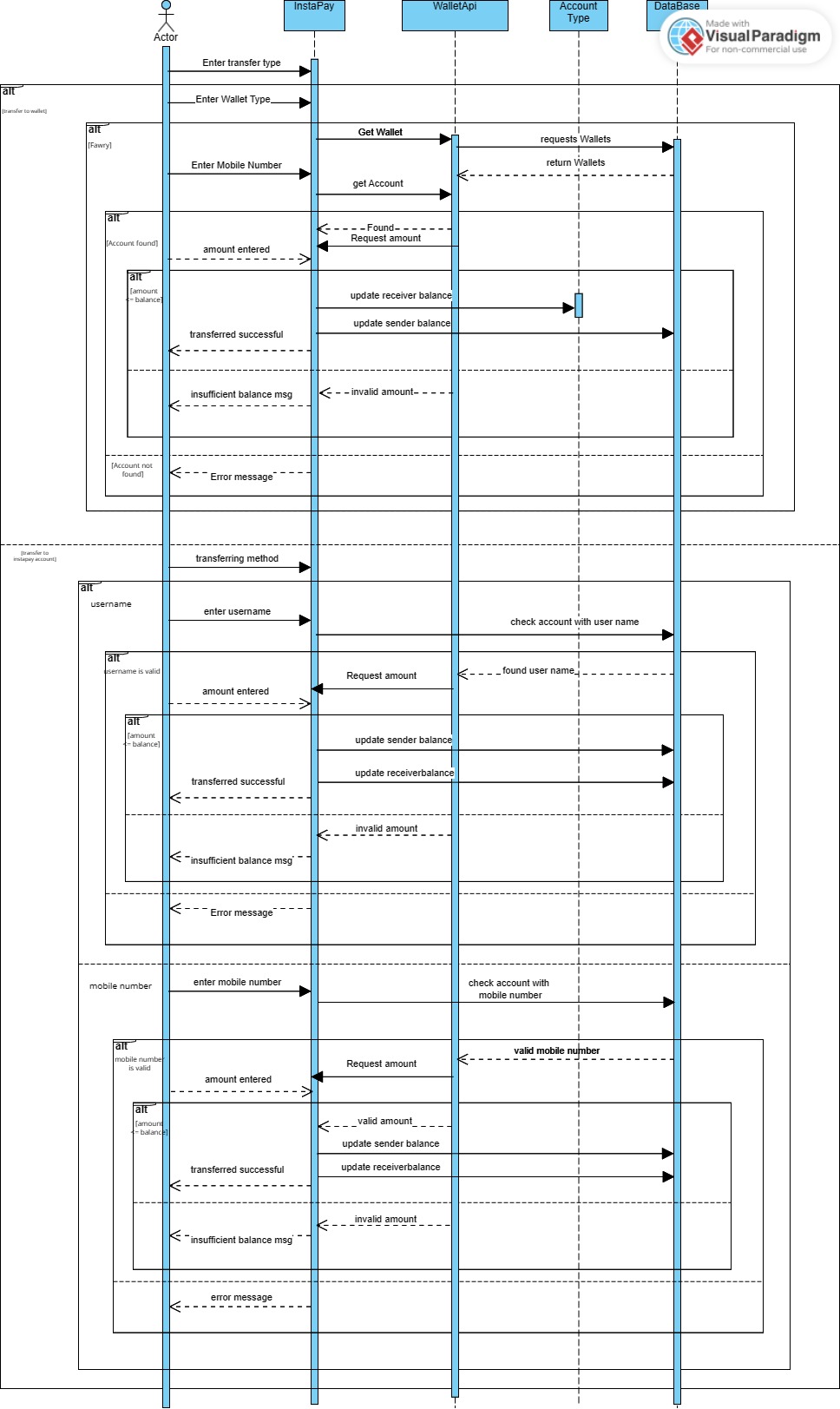
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**2 – Sign In**

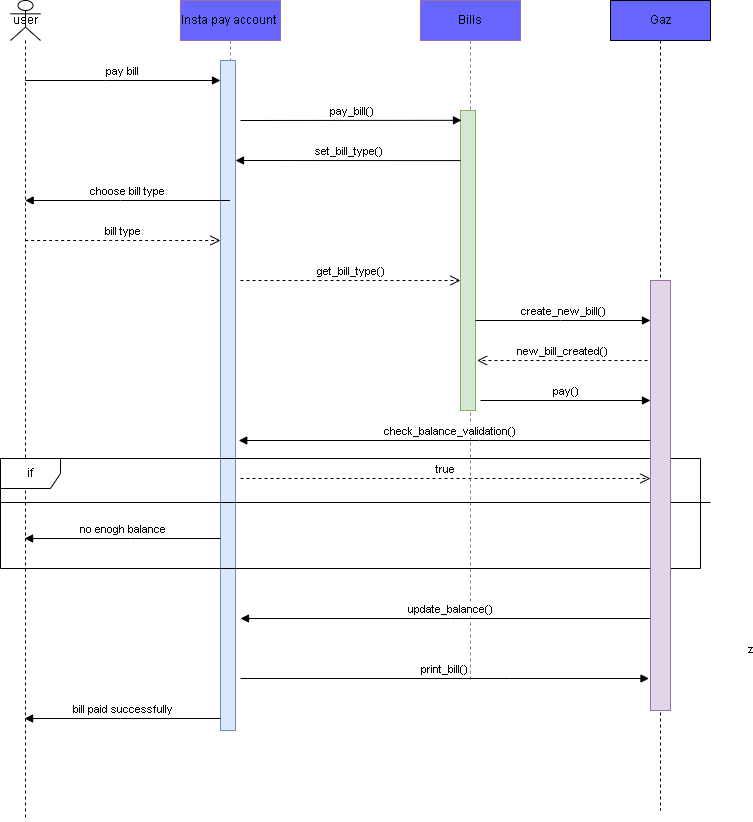
**A screenshot of a computer screen

Description automatically generated**

**3 – Transfer to Wallet and Instapay account only**

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**4 – Pay Bills**



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# Github repository link

* <https://github.com/3ab2wy1911/Instapay_system>