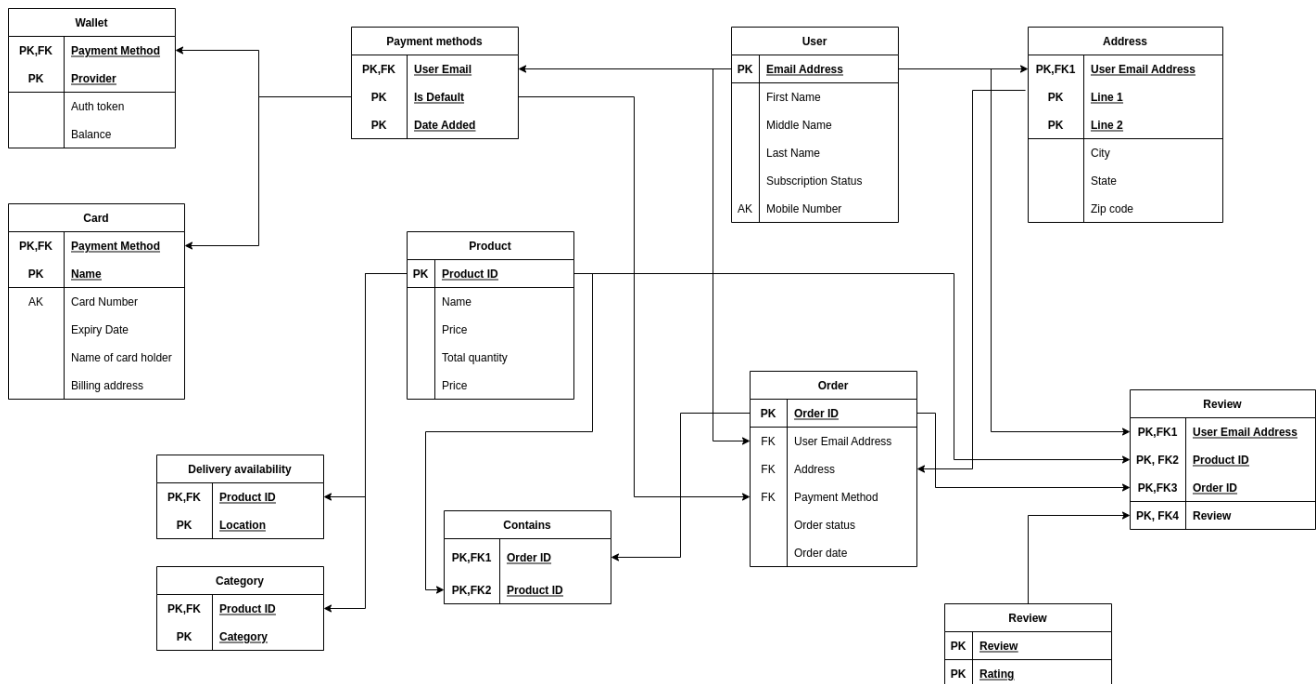


Group Project 3

Team Name : Kurkure

[Link to diagram](#)



Following the steps from chapter 9 of textbook we see that the diagram generated is already in 3NF form. The explanation is given as follows

1NF

Following the step 6 suggested in the textbook we convert multivalued attribute to relations with foreign key and composite attributes are broken into simple ones. Thus all conditions for 1NF are met.

2NF

Database is created such that every attribute in any relation R is functionally dependent on its primary key, Thus all conditions for 2NF are met.

3NF

There is no non primary attribute transitively dependent on the primary key. Also if there are two attributes such that $X \rightarrow Y$ then X is a super key and Y is a prime attribute.