

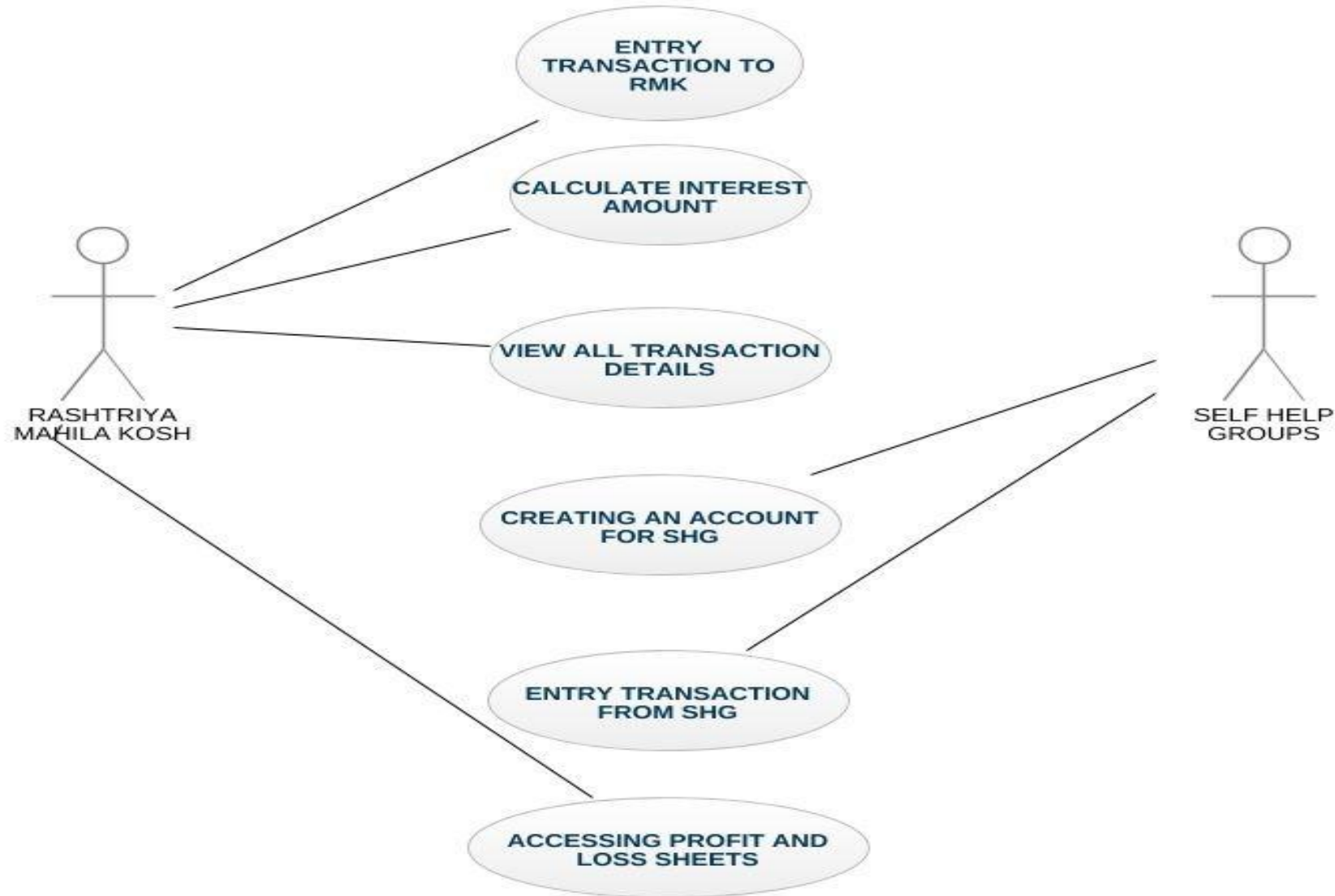
# IDEA/APPROACH DETAILS-SIH 2020

- MINISTRY/ORGANIZATION NAME : MINISTRY OF WOMEN AND CHILD DEVELOPMENT
- PROBLEM STATEMENT : BOOK-KEEPING AND ACCOUNTING SOFTWARE FOR IMO'S
- PROBLEM CODE : AS34
- TEAM NAME : BUG SLAYERS
- TEAM LEADER NAME : LAGAN KAPOOR
- COLLEGE CODE : 1-3516157399
- COLLEGE NAME : RAJALAKSHMI INSTITUTE OF TECHNOLOGY

## IDEA/SOLUTION/PROTOTYPE

- WHEN AN SELF HELP GROUP NEEDS LOAN, FIRST THEY SHOULD HAVE REGISTERED WITH ANY NGO'S. IF IT IS NOT REGISTERED , OUR SOFTWARE PROVIDES US THE USER REGISTRATION.
- WHILE REGISTERING THE SELF HELP GROUPS ARE PROVIDED WITH UNIQUE ACCOUNT ID.
- USING THIS ACCOUNT ID, THE SELF HELP GROUPS WILL BE VERIFIED AND LOAN IS PROVIDED
- THE DUTY OF RASHTRIYA MAHILA KOSH IS TO PROVIDE LOAN AND ACCESS TRANSACTION DETAILS.
- FINALLY, WE WILL BE CALCULATING PROFIT/LOSS USING INTEREST PAID TO RASHTRIYA MAHILA KOSH AND INTEREST RECEIVED BY SELF HELP GROUPS.
- $\text{PROFIT/LOSS} = \text{INTEREST RECEIVED} - \text{INTEREST PAID}.$

## USE CASE DIAGRAM



## TECHNOLOGY STACK

- NETBEANS : CREATING VARIOUS JFRAMES AND JPANELS
- MICROSOFT ACCESS : USED FOR STORING DATABASE VALUES THROUGH JDBC-ODBC CONNECTIVITY AND RS2XML JAR FILE COMPATIBILITY

## SHOWSTOPPER

- REQUIRES LARGE AMOUNT OF STORAGE SPACE TO STORE LARGE AMOUNT OF DATA