<u>**Experiment-1**</u>

Aim: To prove feasibility study of DSC registration system

Objective
   a. We have multiple core members that can register people and take the registration fees.
   b. We need a solution that can keep track of who has how much registration fee each member has to pay.
   c. This can help us keep a consistent database of each member and registration.

Existing Solution
    We use google forms which outputs an excel sheet give doesn't have constraint check and gives and is inconsistent.

Proposed System
    A Registration Portal which only the members have access to and they can register using that and keep track of how many students they have registered.This also provides a consistent database of registrations.

Estimated Requirements
  Software
   - Python
   - Django
   - SQLite

  Hardware
   - An AWS server instance.

  Cost Analysis
   - Server Cost:None
   - Labor Time:2 days

  Functional Benefits
   - Everything is consistent
   - We can use this data later to add them to the respective groups and send email with one click so makes everything easier.
   - The fee management is easier and faster.
   - No one can give more or less than they have taken.

  Constraints
   - Everyone Requires an internet connection

Conclusion
    The system is feasible