1. Farmer may want to view his information and update it (simple query).

Select \* from farmer

Update farmer set income=10000 where Fid=2

1. Search a financial scheme or loan available to farmers by name / income range, etc (simple query).

Select \* from loan where name =’tths’ or income\_status=2500

1. Get information of a particular crop with suitable fertilizer and soil type(complex query).

select c.name,f.description,c.soil from crop c , needs n , fertilizer f where c.cropid=1 and c.cropid=n.cropid and n.feid=f.feid

1. Information on which crops are being cultivated based on income range of the farmer (complex query).

select distinct(c.name) from crop c , farmer f , cultivates cv where f.income=5000 and cv.fid=f.fid and cv.cropid=c.cropid

1. The data entry user can search for crops / fertilizers/ loan schemes to update / delete the data (simple query).

delete from crop where cropid=1

update crop set c.soil=’black’ where c.cropid=1

inser into crop values(“type”,”name”,”soil”,disease”,”water”,”price”)

1. Information about which crop is suitable to be grown based on farmer’s location, soil type, weather condition (complex query).

select c.name,l.district from crop c, farmer f, influenced\_by i,location l where f.locid=i.locid and i.cropid=c.cropid and l.locid=i.locid

1. Information on various insurance schemes which the farmers of a certain income range have availed for their farm equipment and crops (complex query).

select distinct(i.name),i.type from farmer f , crop\_registered\_for c , equip\_registered\_for e , insurance i where f.income=5000 and f.fid=c.fid and c.Inid=i.Inid or f.fid=e.fid and e.Inid=i.Inid