1. Minimal FD Set:

a. IPL Database:

Team_name->coach, Team_name->TID, Team_name->captain_ID, TID->coach,
TID->Team_name, TID->captain_ID
{Host_team,Guest_team,Date}->Result
PID->Name, PID->skill_level, PID->Speciality, PID->Team_name
{PID, Date, Injury_name}->Description

a. Inter-University Gliding Competition Database:

University->fees_paid_or_not, University->no_of_pilots
PID->name, PID->Experience_level, PID->University
Callsign->Capacity, Callsign->Type
Trigraph->Latitude, Trigraph->Longitude,
{Pilot_ID, Callsign, TID}->Score
TID->Start_time, TID->Start_height, TID->Trigraph

a. Project Evaluation Database:

SID->name, SID->Grp_id
Grp_id->Title, Grp->id->TA_id
TA_id->tname
{Stage_name,Params}->Max_marks
{Stage_name,Params,SID}->Student_marks
{Stage_name,Params,Grp_id}->Grp_marks

1. Projected FD Set:

a. IPL Database:

Team_name->coach, Team_name->TID, Team_name->captain_ID, TID->coach,
TID->Team_name, TID->captain_ID
{Host_team,Guest_team,Date}->Result
PID->Name, PID->skill_level, PID->Speciality, PID->Team_name, PID->coach,
PID->captain_ID, PID->TID
{PID, Date, Injury_name}->Description

a. Inter-University Gliding Competition Database:

University->fees_paid_or_not, University->no_of_pilots
PID->name, PID->Experience_level, PID->University, PID->fees_paid_or_not,
PID->no_of_pilots

Callsign->Capacity, Callsign->Type

Trigraph->Latitude, Trigraph->Longitude

{Pilot_ID, Callsign, TID}->Score

TID->Start_time, TID->Start_height, TID->Trigraph

a. Project Evaluation Database:

SID->name, SID->Grp_id, SID->Title, SID->TA_id, SID->tname

Grp_id->Title, Grp_id->TA_id, Grp_id->tname

TA_id->tname

{Stage_name,Params}->Max_marks

{Stage_name,Params,SID}->Student_marks

{Stage_name,Params,Grp_id}->Grp_marks

1. Determination of key:

a. IPL Database:

Team: Team_name or TID

Game: {Host_name, Guest_name, date}

Player: PID

Injury Record: {PID, date, Injury_name}

a. Inter-University Gliding Competition Database:

Team: University

Pilot: PID

Glider: Callsign

Task: TID

Flies: {PID, Callsign, TID}

Turning Points: trigraph

a. Project Evaluation Database:

Student: SID

Group: Grp_id

TA: TA_id

Stage & Params wise Max_marks: {Stage_name,Params}

Eval Student_marks: {Stage_name,Params,SID}

Eval Grp_marks: {Stage_name,Params,Grp_id}