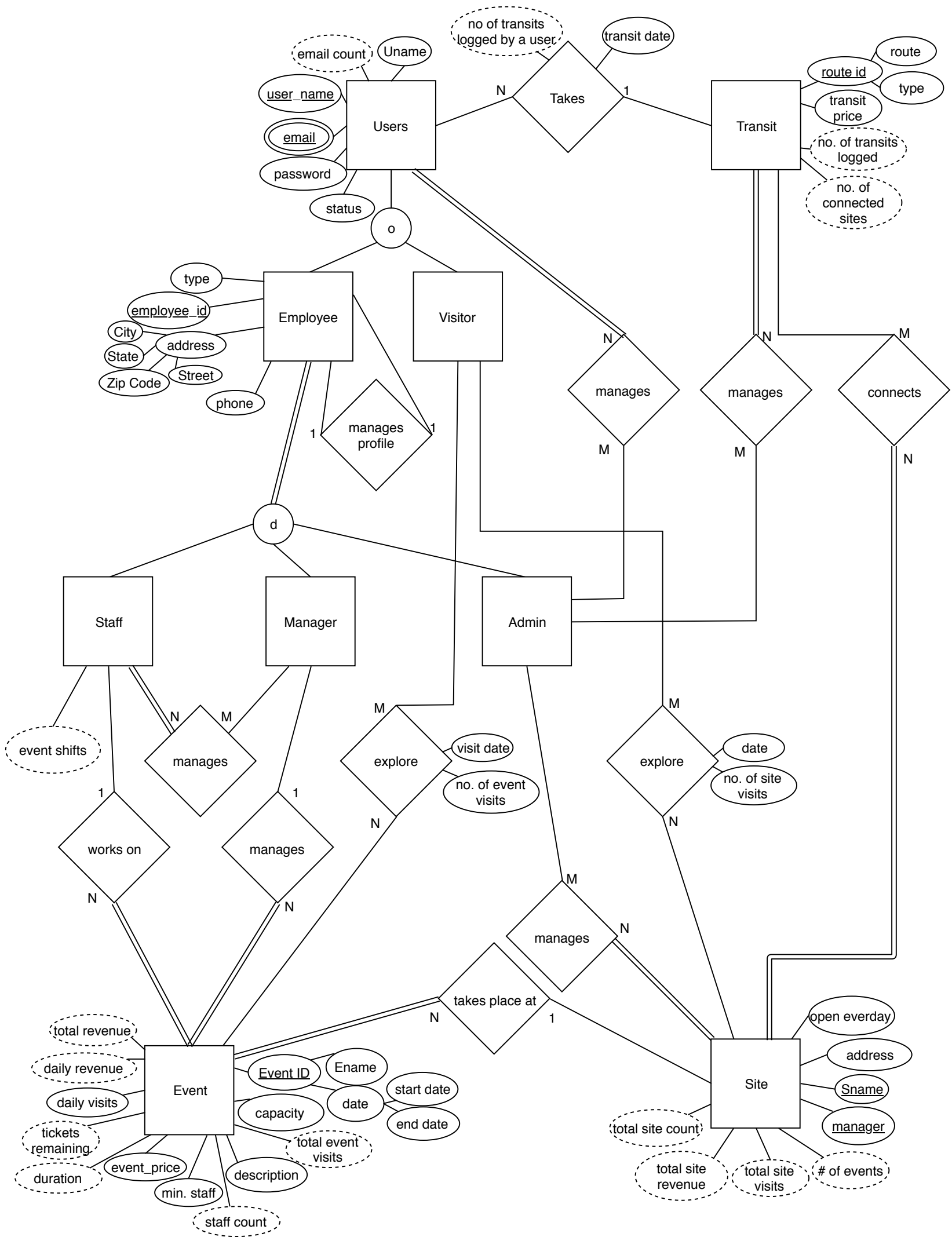


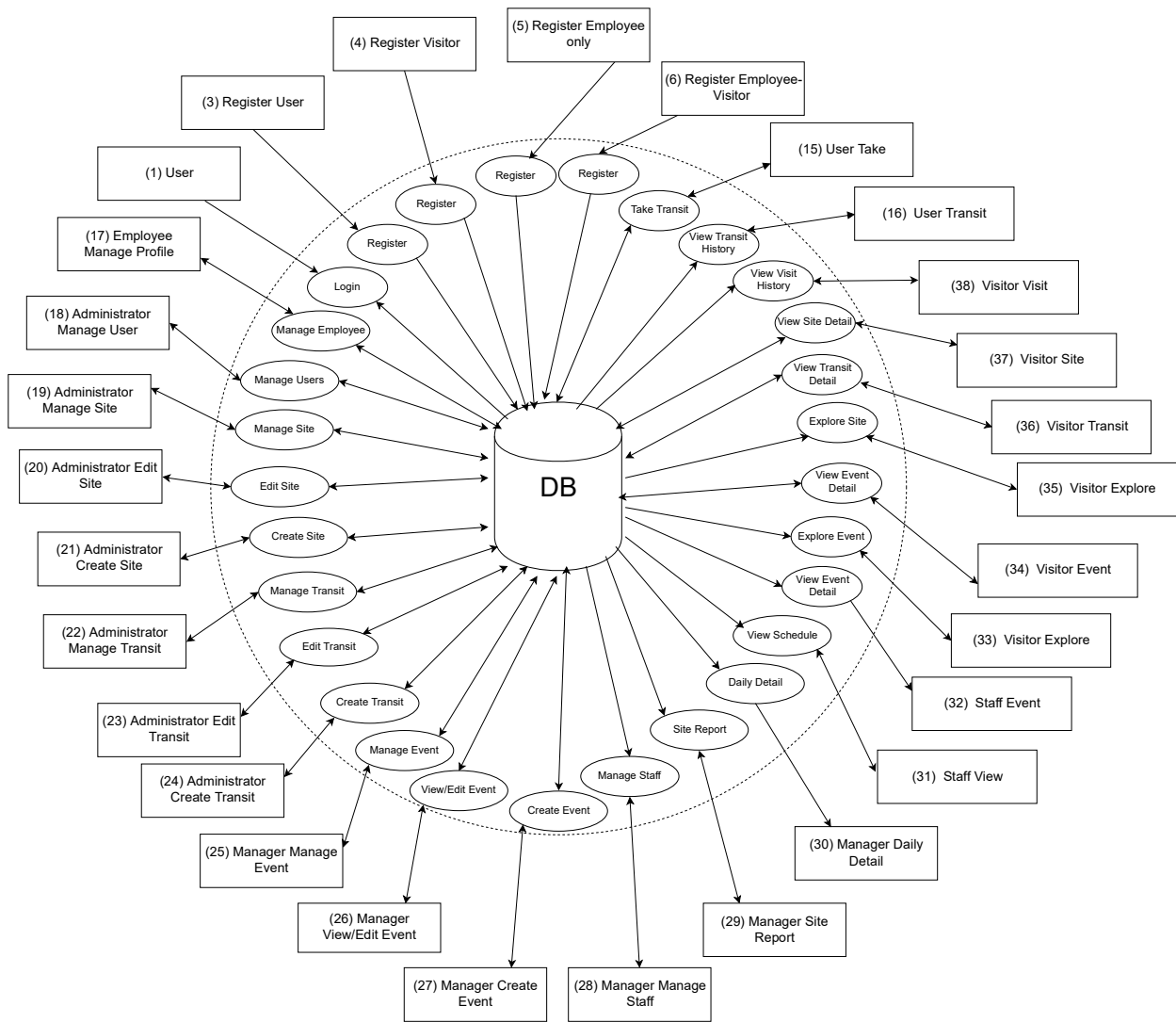


TEAM 63

Phase [1]

Rahul Patel (rpatel397)
Jin Hyung Park (jpark702)
Jules Henry (jhenry40)
Mansi Gupta (mgupta313)
Apoorva Dey (adey40)





Logical constraints

1. Administrator cannot decline an approved account.
2. The number of Staff Assigned must not be fewer than the Minimum Staff Required.
3. Start Date must come before End Date
4. Staffs who are already assigned to an event cannot be assigned to a different event.

Assumptions

1. A manager can manage all the events of the assigned site.
2. There may be more than one administrator who handle site management, user approval and transit management, who may or may not handle all three. The same applies for manager and staff members.
3. A staff member can be managed by multiple managers.
4. A relationship between manager and the site is not represented as it forms a redundancy and it can be represented as a unique attribute since each site is assigned a distinctive manager.
5. user_name is a unique identifier created by a User while registration, and should not be confused by Uname, which is the user's full name.
6. Transit history can be derived from the relationship "takes" between users and transit.
7. Visitor History for both sites and events can be derived from the corresponding "explore" relationship between the "visitor" and "site" and "event" respectively.
8. Site Report and Daily Detail can be deduced from entity types "events" and "sites".
9. Site needs to be connected via transit route whereas the vice-versa may or may not be applicable.