TEAM 6
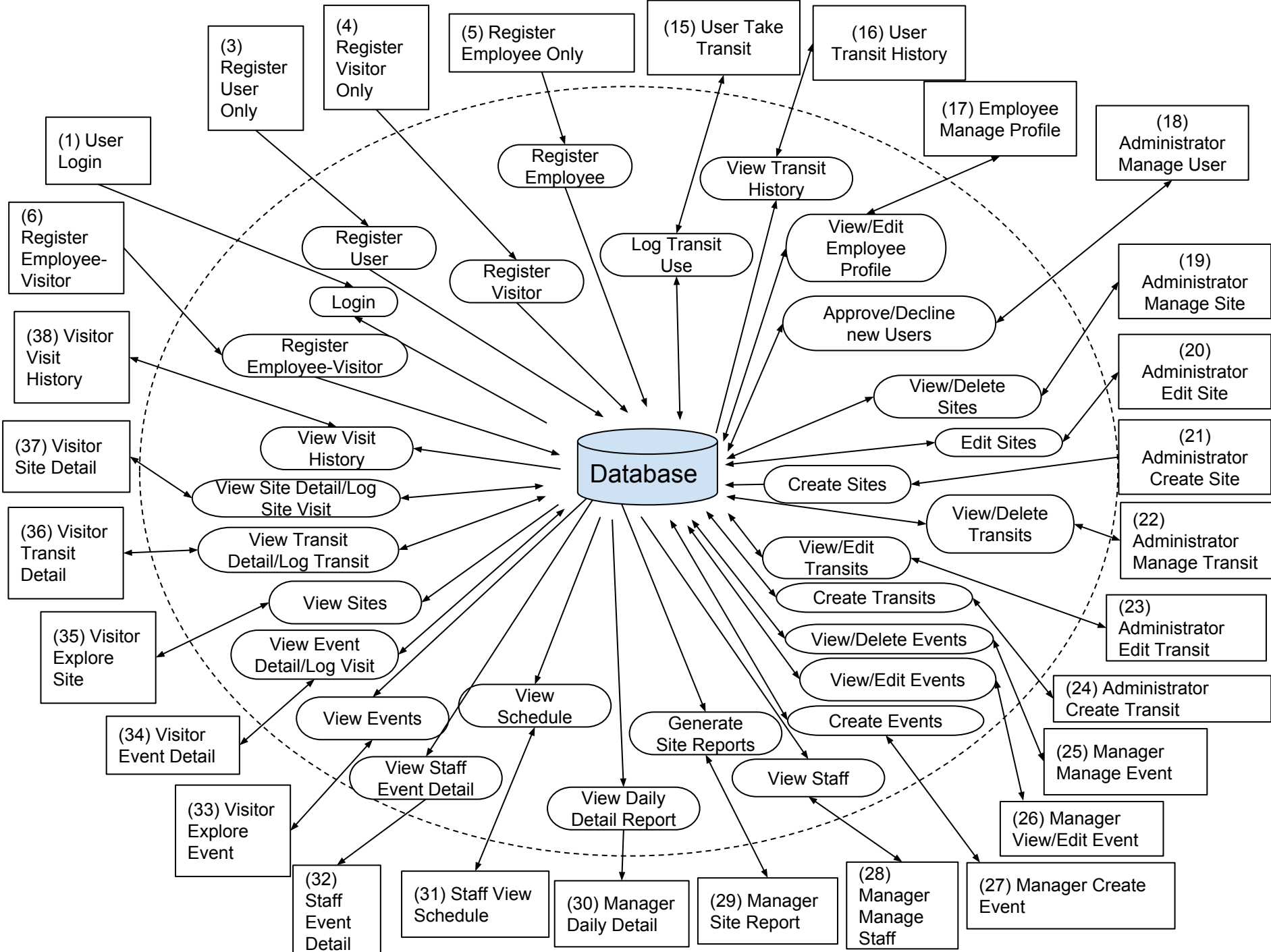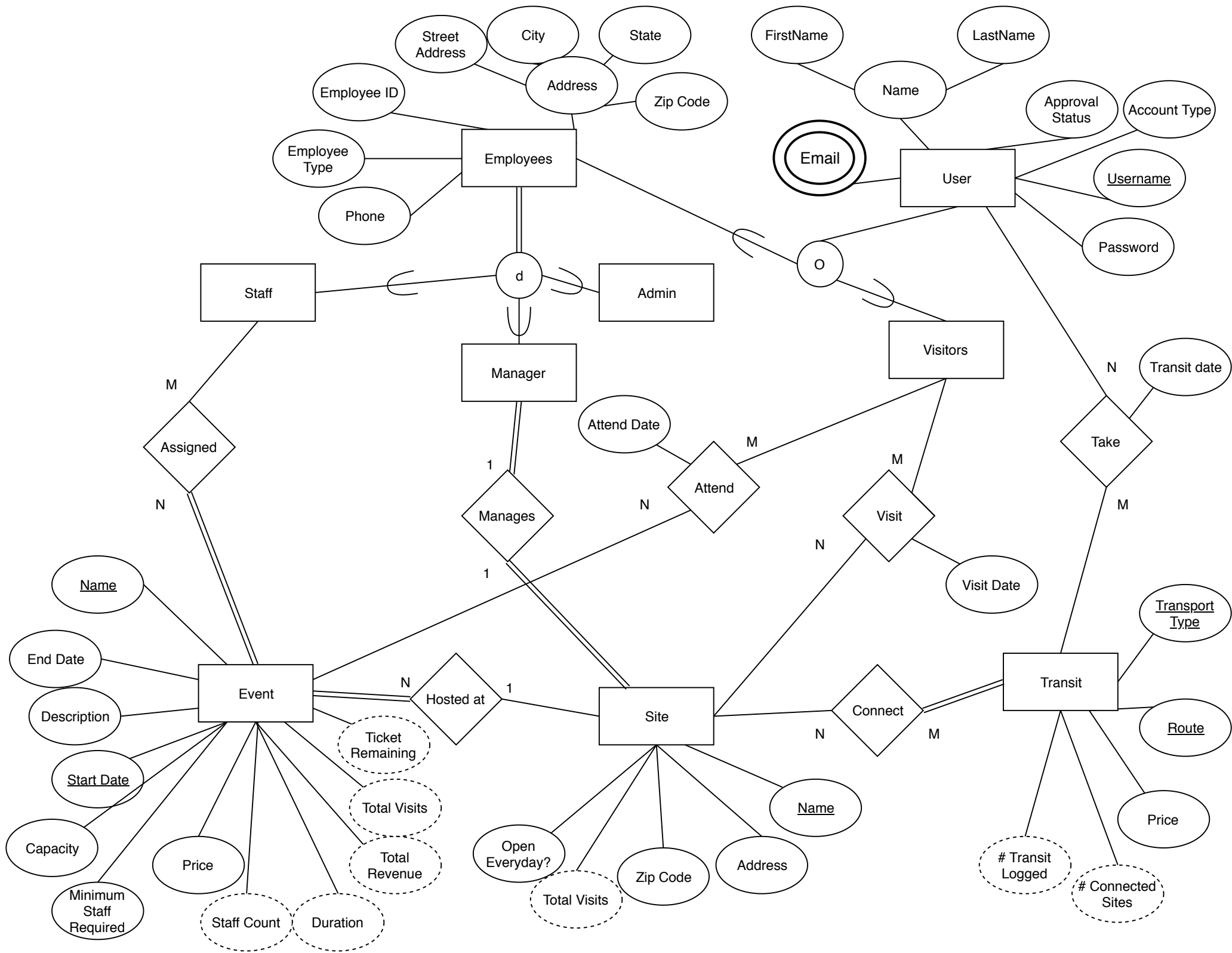## Phase 1

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(1) User Login

(3) Register User Only

(4) Register Visitor Only

(5) Register Employee Only

(15) User Take Transit

(16) User Transit History

(17) Employee Manage Profile

(18) Administrator Manage User

(6) Register Employee-Visitor

Register Employee

Register User

Register Visitor

View Transit History

Log Transit Use

View/Edit Employee Profile

Approve/Decline new Users

Login

(38) Visitor Visit History

Register Employee-Visitor

View/Delete Sites

(19) Administrator Manage Site

(20) Administrator Edit Site

(21) Administrator Create Site

(37) Visitor Site Detail

View Visit History

Edit Sites

View Site Detail/Log Site Visit

Database

Create Sites

View/Delete Transits

(22) Administrator Manage Transit

(36) Visitor Transit Detail

View Transit Detail/Log Transit

View/Edit Transits

(23) Administrator Edit Transit

View Sites

Create Transits

(35) Visitor Explore Site

View Event Detail/Log Visit

View/Delete Events

(24) Administrator Create Transit

View/Edit Events

(25) Manager Manage Event

(34) Visitor Event Detail

View Events

View Schedule

Create Events

Generate Site Reports

View Staff

(26) Manager View/Edit Event

(33) Visitor Explore Event

View Staff Event Detail

View Daily Detail Report

(27) Manager Create Event

(32) Staff Event Detail

(31) Staff View Schedule

(30) Manager Daily Detail

(29) Manager Site Report

(28) Manager Manage Staff

Street Address • City • State • Address • Zip Code

Employee ID • Employee Type • Phone

Employees

FirstName • LastName • Name

Email

User

Approval Status • Account Type • Username • Password

Staff — d — Admin

Manager

Visitors

Attend Date

O

N — Transit date

Manages (1 / 1)

Attend (M / N)

Visit (M / N)

Visit Date

Take (M)

Assigned (M / N)

Name • End Date • Description • Start Date • Capacity • Minimum Staff Required

Event

Price • Staff Count • Duration • Ticket Remaining • Total Visits • Total Revenue

Hosted at (N / 1)

Site

Open Everyday? • Total Visits • Zip Code • Address • Name

Connect (N / M)

Transit

Transport Type • Route • Price • # Transit Logged • # Connected Sites

Constraints:

1) Total visits at an event must be less than the capacity of that event
2) Minimum staff must be a positive integer
3) Event start date must be before event end date.
4) You can only take the same transit once per day.
5) Price is non-negative
6) Visit dates are before the current date (you can't have a future visit logged into the database.)

Assumptions:

1) Staff working an event are not considered event or site visitors. In other words, if an event has n staff members working it and v visitors and m is the max capacity at the event, $v<=m$.