1. Abstract

- Security management system is global security is an independent security company of highly trained professional person who collectively have many years of security experience.

- We offer a discrete and confidential service structured to supply the fall spectrum of personal and corporate security requirements worldwide.

- By maintaining constant contact with specialist military and civilian organizations world-wide. Our Personal have up to data knowledge of new developments.

- Furthermore our skills are supported by an extensive database of oriticaland practical database information thus planning us in the unique position of being able to offer the most cost-effective package in the fields of security management and implementation.

Current System:

- In this system we have currently covered many of the processes online, but there are some technicalities we would like to overcome in the future changes, like adding maps to directly allocate the positions and online payment section.

Existing System:

- The existing system is having very unique amount of access provides that ease up the work like adding forms for both customer and jobseeker and the online portfolio of the whole company.

Modules:

- Officers:-deal with the client for the even management or security management.
- Supervisor:-manage the guards which are on a duty.
- Head guard:-Head guard is a senior guard who acts as a supervisor in the absence of later.
- Guard : - maintains the position given and mainly pasted at the gates of area.

Purpose:

- The purpose of this document is to describe the security management.
- This document contains the functional and non-functional requirements of the project and it also contains the guidelines for system engineers and designers to start working the project.

Scope:

Security Management System is basically updating the manual security system into internet based application. So that the users or customer can know the details of our security and employees and events.

2. Requirements

- Employees:-The List of employees working in the firm with all the details.

- Types Of Employees :-
  - ✓ Guards
  - ✓ Bouncers
  - ✓ Promoters
  - ✓ Gunman's
  - ✓ Bodyguards

Details of Employees:

- ☞ Displays the details of our employees currently working in the firm.
- ☞ The height of the Bouncers, followed by weight, Complexion, locality and personal details.

Functional Requirement:

- Guarding Services:-
  - We have multi layered organizational structure with each and every level has clear cut responsibility and well defined roles.
  - They are:
    - ✓ Officers
    - ✓ Supervisors
    - ✓ Head guards
    - ✓ Guards
    - ✓ Armed-guards
    - ✓ Ladies-guards
- Security Officers:-
  - Most of the security officers are from Indian Army, and are well experienced in the matter of security by virtual of the length of service and the various position held by then.
  - Supervisors are skilled persons well trained in the art of security. Briefly their function is to manage the guards which are on duty.
  - Head guards is a senior guard who acts as a supervisor in the absence of the later.
  - Our Security Management Service is a “One-Stop-Shop” for all kinds of facility services, ranging

from general housekeeping and pantry services to office support staff.

Non-Functional Requirement:

- Event Services:-
  - Any type of parties which includes.
  - Marriage Function
  - Disco Party
  - Inaugurations of some new firms or any new buildings.
  - Celebrities and film stars protection.

- Protective Security Which Include:-
  - Office Security
  - Public Appearance
  - Travel Abroad
  - Hotel Security
  - Residential Security
  - ATM Security
  - Fire Services
- Corporate Security Includes:-
  - Business Intelligence
  - Overseas Security Terms
  - Corporate Surveillance

Specific Requirement:

-The section contains all of the functional and quality requirements of the system.

-It gives a detailed description of the system and all its Features.

3. User - Interface

-A first time user of the website should see the log-in page when he/she opens the website.

- If the user has not registered he/she should be able to do that on the login page.

- If the user is not a first time user than he/she has no need and not see the registered or login page.

- After the login page the user might want to make an appointment with the company for the event to be organized.

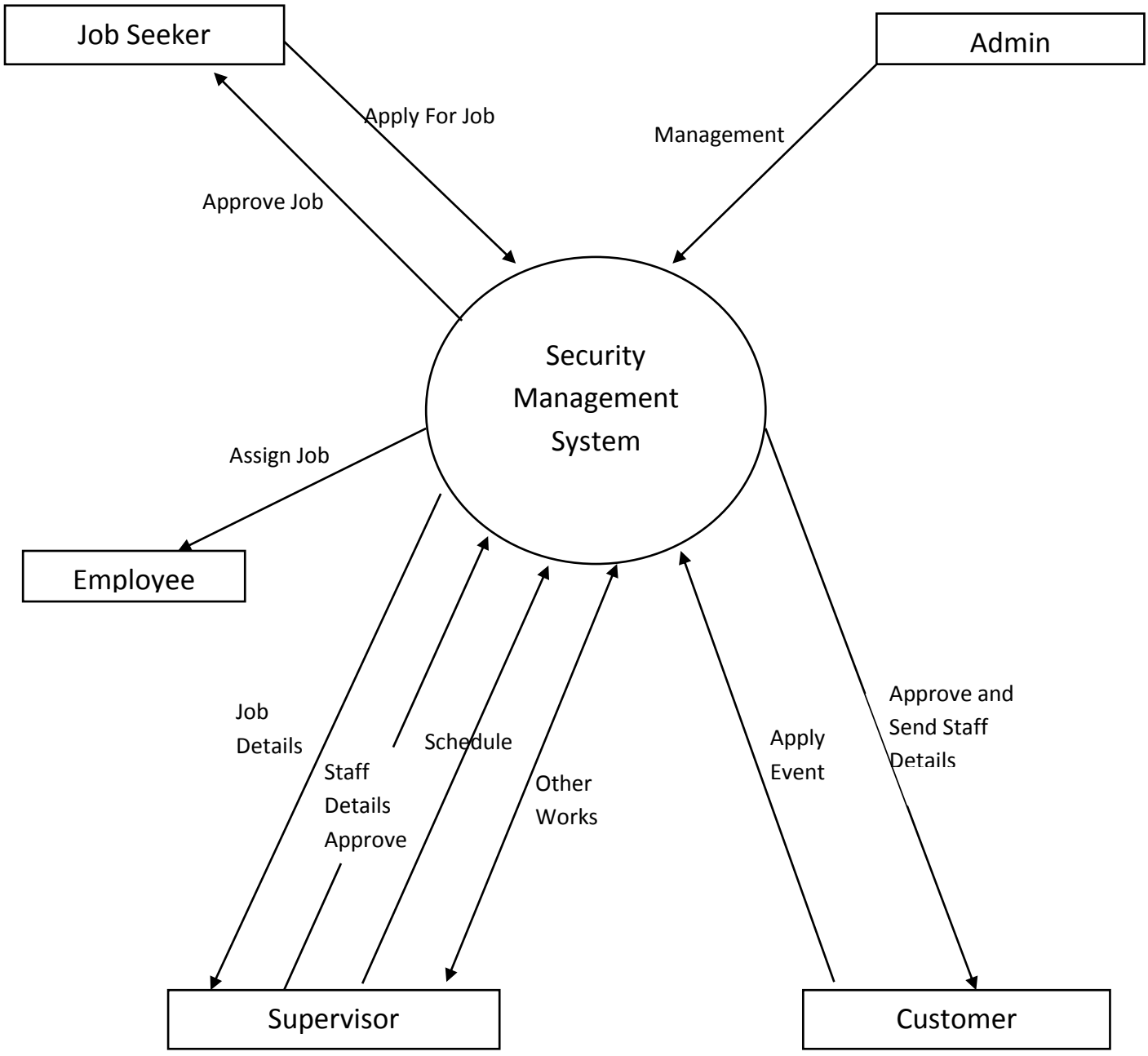
- So the page of the work order or inquiry will appear.

-Now as the details are filled by the user and then after clicking the submit button the user will receive an automated email by system that he will be contacted soon. So after the authentication of the details entered by

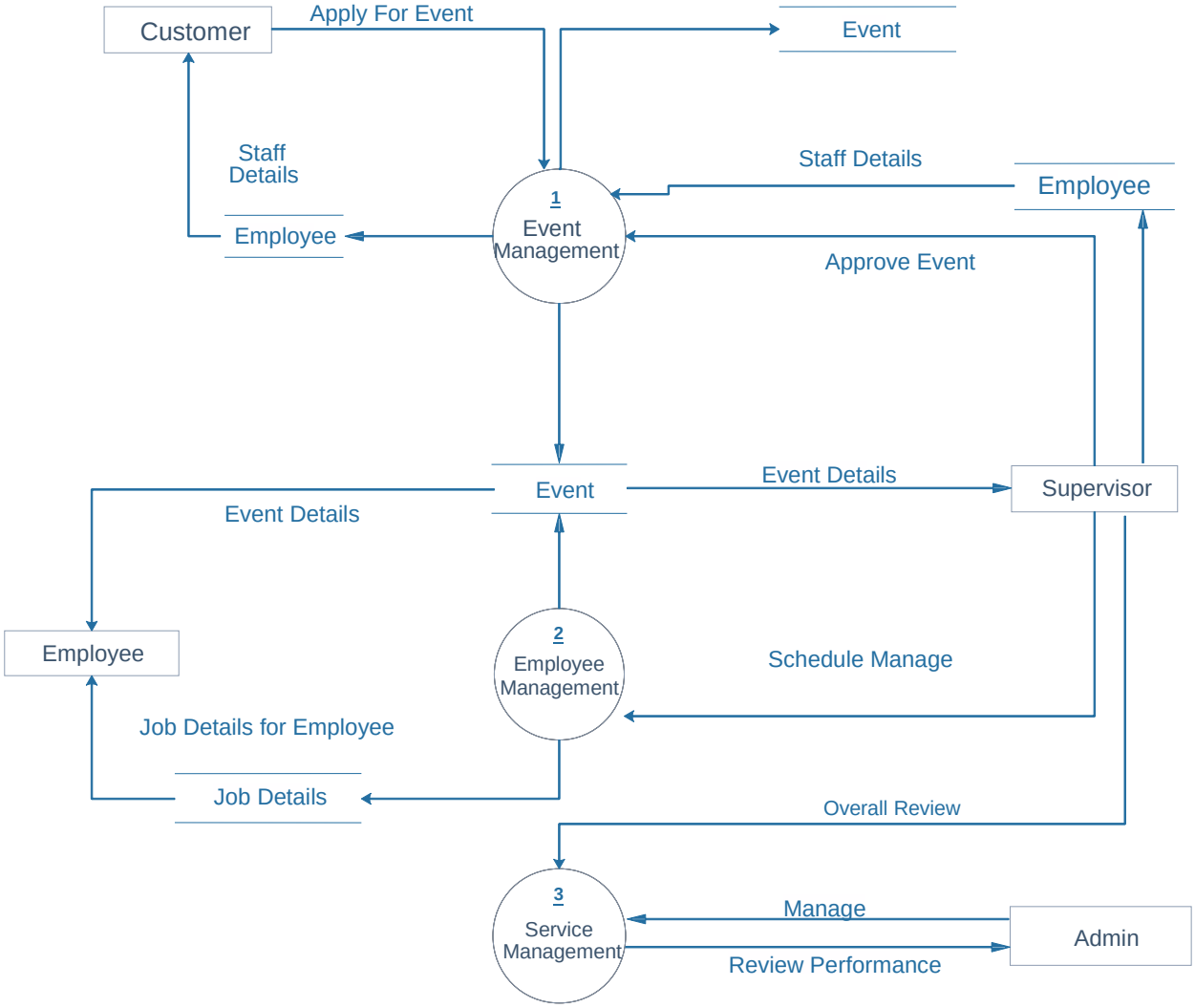
user the event of the user is organized and contacted by the company via E-mail or phone number.

4. Data Flow Diagram

1. DFD Level 0(Context Level):-

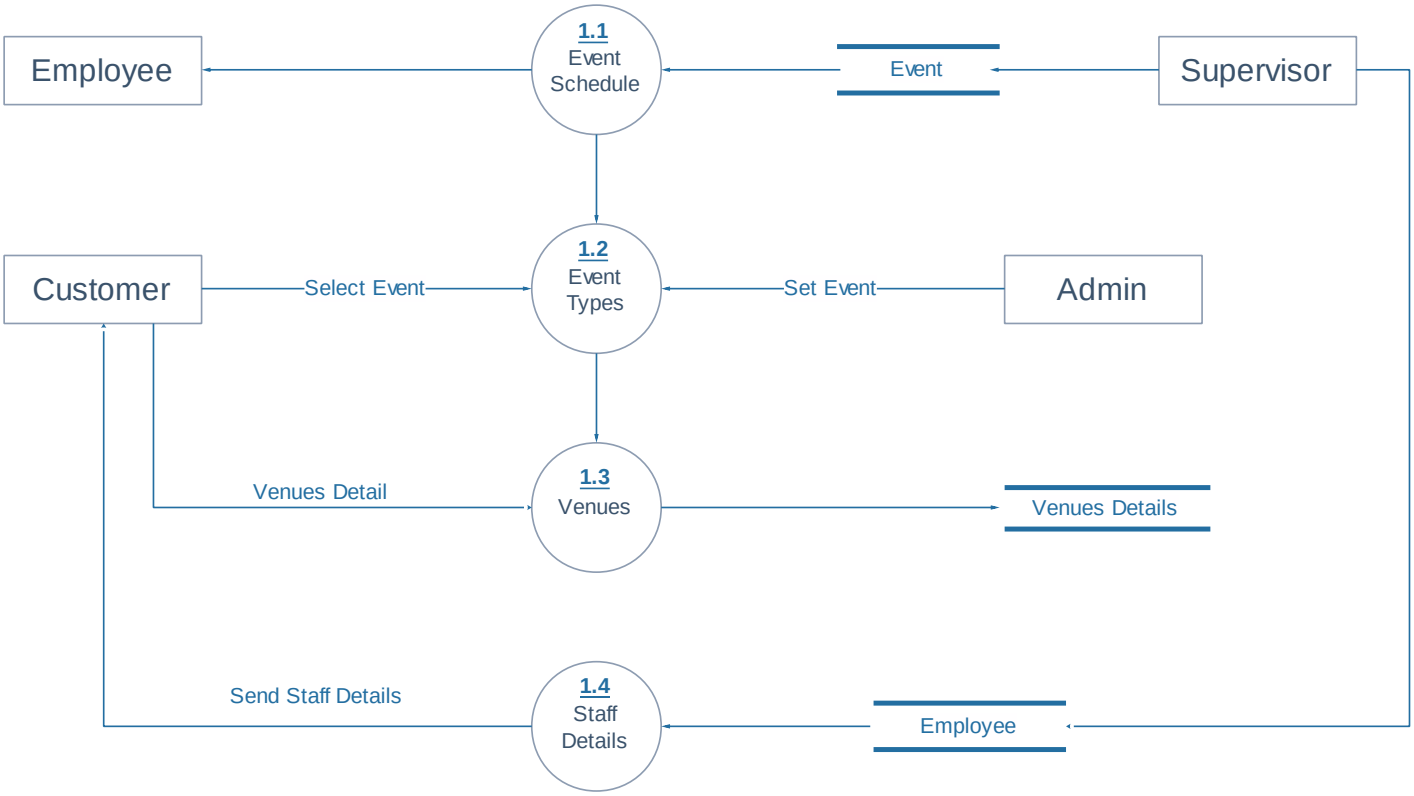


2. DFD Level 1:-

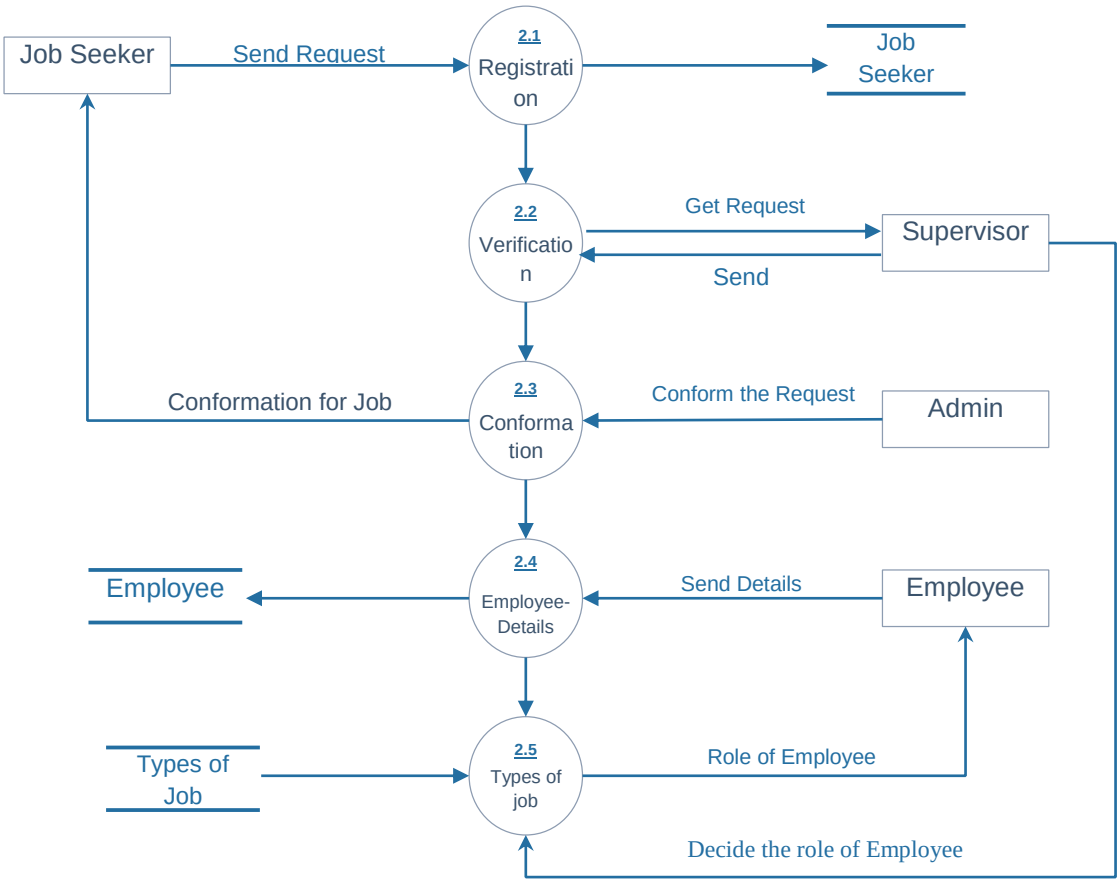

Customer
Apply For Event
Event
Staff Details
Staff Details
Employee
1
Event Management
Employee
Approve Event
Event
Event Details
Supervisor
Event Details
Employee
2
Employee Management
Schedule Manage
Job Details for Employee
Job Details
Overall Review
3
Service Management
Manage
Admin
Review Performance

3. DFD Level 2:-

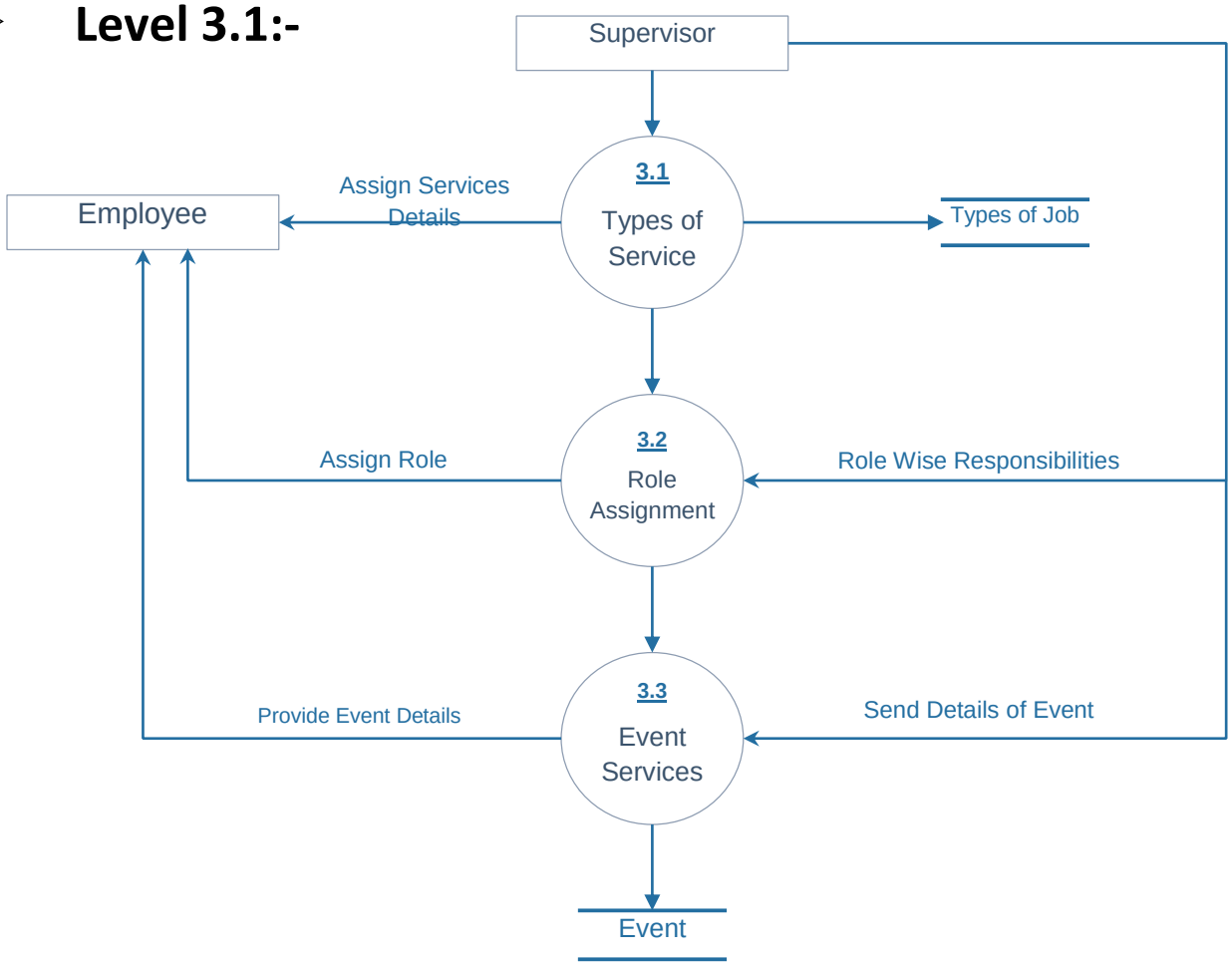
➢ Level 1.1:-



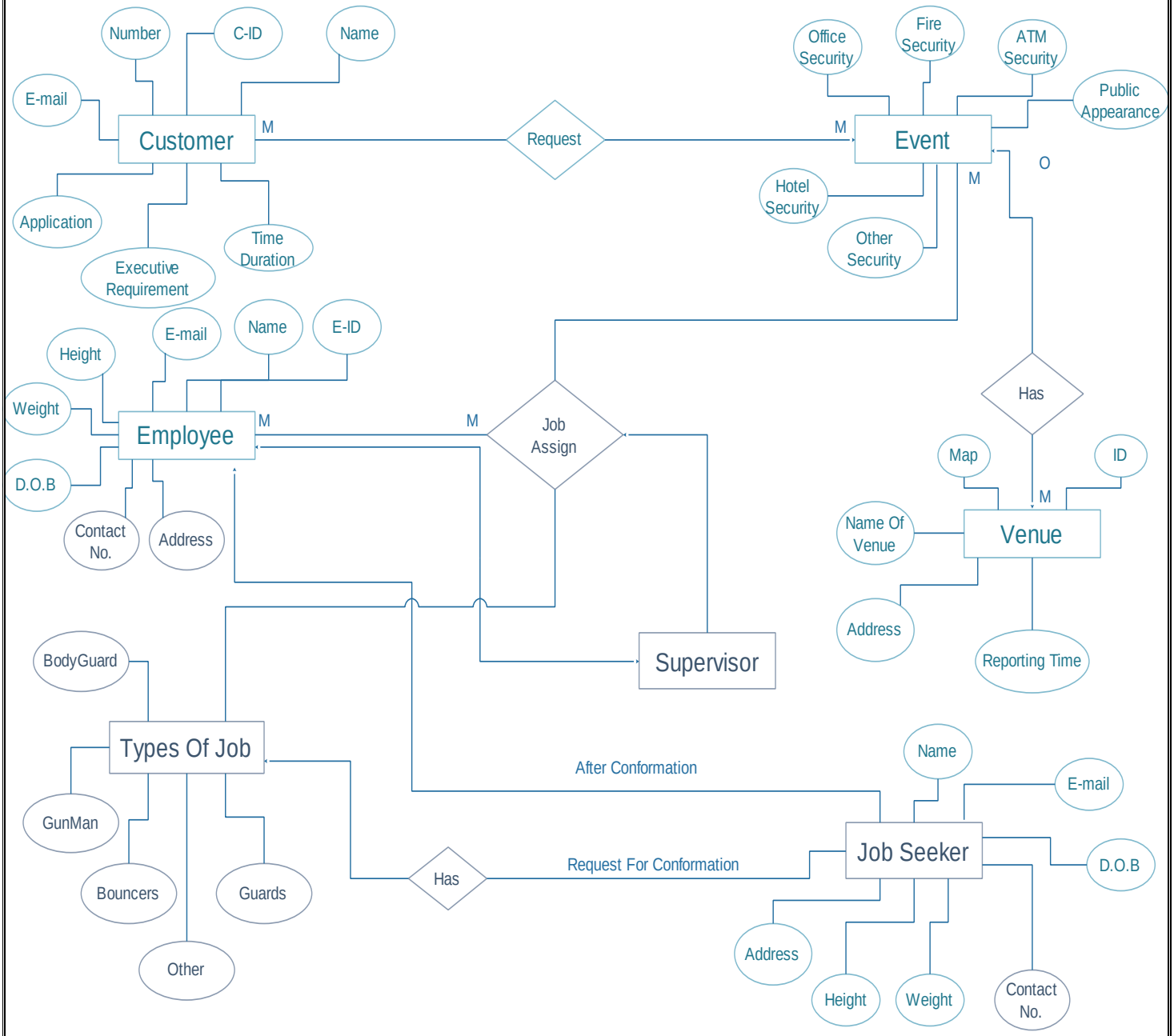
➢ Level 2.1:-


Job Seeker
Send Request
2.1
Registrati
on
Job
Seeker
2.2
Verificatio
n
Get Request
Supervisor
Send
Conformation for Job
2.3
Conforma
tion
Conform the Request
Admin
Employee
2.4
Employee-
Details
Send Details
Employee
Types of
Job
2.5
Types of
job
Role of Employee
Decide the role of Employee

➢ Level 3.1:-


Supervisor
3.1
Types of Service
Assign Services Details
Employee
Types of Job
3.2
Role Assignment
Assign Role
Role Wise Responsibilities
3.3
Event Services
Provide Event Details
Send Details of Event
Event

5. E-R Diagram


Number
C-ID
Name
E-mail
Customer
M
Request
M
Event
Office Security
Fire Security
ATM Security
Public Appearance
O
M
Hotel Security
Other Security
Application
Time Duration
Executive Requirement
E-mail
Name
E-ID
Height
Weight
Employee
M
M
Job Assign
D.O.B
Contact No.
Address
Has
Map
ID
M
Name Of Venue
Venue
Address
Reporting Time
Supervisor
BodyGuard
Types Of Job
After Conformation
Name
E-mail
GunMan
Bouncers
Guards
Other
Has
Request For Conformation
Job Seeker
D.O.B
Address
Height
Weight
Contact No.

6. Data Dictionary Diagram

❖Employee:-

	Field Name	Data Type	Length	Not Null
*	E-ID	Number	5	✓
	Name	Text	15	✓
	Age	Number	3	✓
	Height	Number	3	✓
	Width	Number	3	✓
	Date Of Birth	Date And Time	-	✓
	Email Id	Hyperlink	25	✓
	Contact No	Number	15	✓
	Address	Text	40	✓

❖Job Seeker:

	Field Name	Data Type	Length	Not Null
*	Name	Text	15	✓
	Age	Number	3	✓
	Height	Number	3	✓
	Width	Number	3	✓
	Date Of Birth	Date And Time	-	✓
	Email Id	Hyperlink	25	✓
	Contact No	Number	15	✓
	Address	Text	40	✓
	Status	Text	10	✓

❖Customer:

	Field Name	Data Type	Length	Not Null
*	C-ID	Number	5	✓
	Name	Text	15	✓
	Application	Text	15	✓
	Address	Text	40	✓
	Contact No	Number	15	✓
	Email Id	Hyperlink	25	✓
	Executive Requirement	Number	3	✓
	Time Duration	Hours	5	✓

❖Venue:

	Field Name	Data Type	Length	Not Null
*	Venue ID	Number	5	✓
	Venues	Text	15	✓
	Address	Text	40	✓
	Map	Image	-	✓
	Reporting Time	Hours	5	✓

❖Event:

	Field Name	Data Type	Length	Not Null
*	Event ID	Number	5	✓
	Type Of Event	Text	15	✓
	Name Of Event	Text	15	✓
	Duration	Hours	5	✓

❖Customer-Event:-

	Field Name	Data Type	Length	Not Null	Key
*	Customer + Event ID	Number	10	✓	Primary
	Customer ID	Number	5	✓	Foreign
	Event ID	Number	5	✓	Foreign
	Venue ID	Number	5	✓	Foreign
	Date Of Event	Date/Time	-	✓	-

❖Customer-Employee:-

	Field Name	Data Type	Length	Not Null	Key
*	Customer + Employee ID	Number	10	✓	Foreign
	Employee ID(E-ID)	Number	5	✓	Foreign

❖Types of Job:-

	Field Name	Data Type	Length	Not Null
*	Job ID	Number	10	✓
	Name	Text	10	✓
	Role	Text	10	✓

7. Bibliography

1. www.redfoxprotection.in
2. www.adarshsecurity.in
3. www.kavachsecurity.in