20MCA245

MINI PROJECT

SERVIX

Rough Record

Project Guide

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Group Members

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<u>Introduction</u>

In August 2021, the government launched the e-Shram portal for better execution of various social security schemes for unorganised sector workers. This helps for the welfare of workers in the unorganized sector who are not members of the EPFO or ESIC. Inspite of that we are developing a website which allows customers to book workers for their jobs.

This helps to ensure job for many ones and reduced the effort made by the customers in search of a worker. Customers get workers with a feasible rate. Skilled labours for various works within a region can be viewed and book through this website. Customers can give feedbacks based on workers and workers can view the same through this application.

Module Description

The project SERVIX (online worker hiring website/portal) has three modules-

> **Administrator(Admin)**

> **Worker/employee**

> **User**

1. Admin

- The admin is responsible for verification of details and certificates provided by the worker.
- After verification he can accept/reject worker's profile based on eligibility criteria.
- Admin is also responsible to solve the issues raised by the customers.
- Admin also has the responsibility to check online transaction.

2. Worker/Employee

- Any person having essential qualification and experience in the relevant field can register here.
- For registering, the person has to go through employee registration.

- The person seeking job has to fill the form in the site by providing his basic details along with Qualification and experience certificate.
- After verification by the administrator the users can see his profile in the workers list and can avail his service to the registered customers.

3. User

- Anybody who is desired to get any workers can register here as a user.
- For first time user they have to register here by giving their basic details like name, location, etc.
- If the user is already registered he can login and search workers in his surrounding areas.
- The user has also the facility to desired workers based on their wages.
- Another facility provided is the user can also see the availability of workers based on users time.
- User can also cancel the work if he is not available at the time.
- There is also online payment option.
- At the end the user has the facility to give feedback and ratings.

PRODUCT BACKLOG

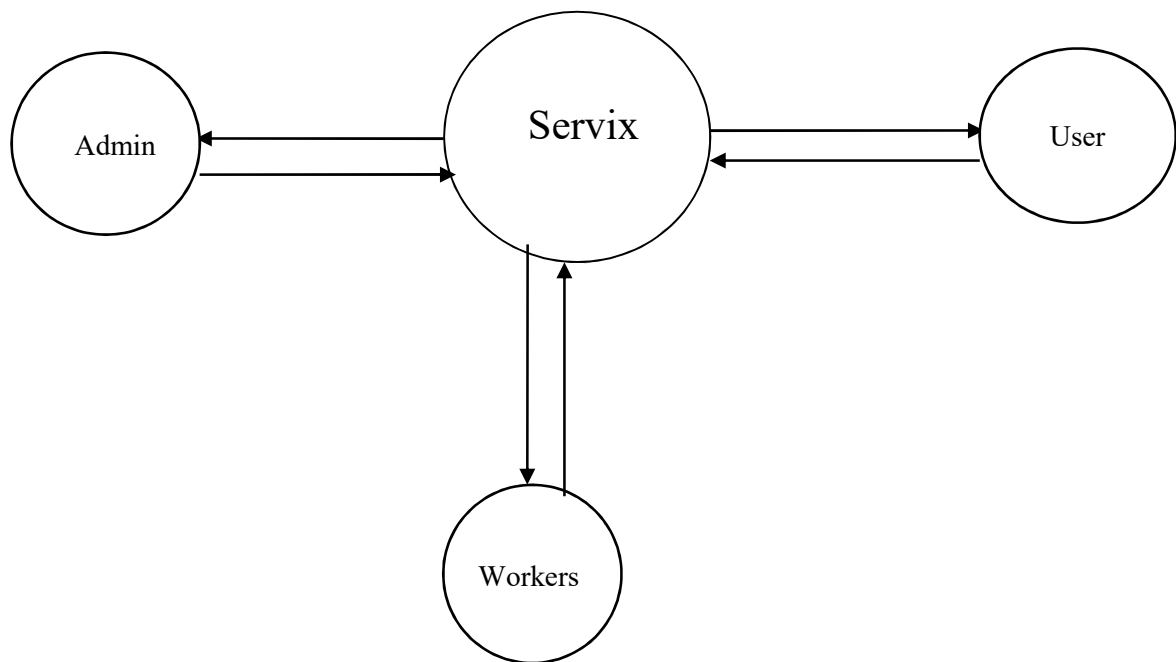| SL NO	REQUIREMENTS	PRIORITY
1	**ADMIN**	
	As an Admin I want to login	1
	As an admin I want to approve or reject workers	3
	As an admin I want to accept customer request	4
	As an administrator I want solve issues raised by customers	15
	As an administrator I want to verify the worker profile	2
	As an administrator I want to verify the transactions	13
2	**USER**	
	As a user I want to register	5
	As a user I want to login	6
	As a user I want to view worker details	9
	As a user I want to avail workers available	10
	As a user I want to register complaints	14
	As a user I want to give feed back	16
	As a user I want to pay in online or cash mode	12
3	**WORKER**	
	As a worker I want to register	7
	As a worker I want to login	8
	As a worker I want to update wage details	17
	As a worker I want to update by available time and place	11
	As a worker I want to view feedback of customers	18

Sprint Backlog

	SL NO	TASKS	START DATE	END DATE	STATUS
SPRINT 1	1	FIND OUT SUITABLE PROJECT TOPIC	25-11-21	30-11-21	COMPLETED
	2	DISCUSSION OF TOPIC AND REQUIREMENTS	01-12-21	02-12-21	COMPLETED
	3	DISCUSSION OF DIFFERENT MODULES AND ITS FUNCTIONALITIES	03-12-21	04-12-21	COMPLETED
	4	PLANNING ALL THE REQUIRED DEPENDENCIES FOR IMPEMTNTING THE FUNCTIONALITIES	03-12-21	04-12-21	COMPLETED
	5	PREPARATION OF PRESENTATION SLIDES TO BE PRESENTED FOR ZEROTH REVIEW	04-12-21	14-12-21	COMPLETED
SPRINT 2	6	DISCUSSION ABOUT DATA BASE DESIN FOR LOGIN AND REGISTRATION	14-12-21	15-12-21	COMPLETED
	7	DISCUSSION ABOUT CODING FOR LOGIN AND REGISTRATION	15-12-21	20-12-21	COMPLETED
SPRINT 3	8	CODE FORHOME PAGE	22-12-21	25-12-21	COMPLETED
	9	CODE FOR CUSTOMER,USER AND ADMIN PAGE	22-12-21	26-12-21	COMPLETED
	10	CODE FOR DATABASE CONNECTION	28-12-21	30-12-21	COMPLETED
SPRINT 4	11	PREPARATION OF SLIDES FOR FIRST REVIEW	16-01-22	18-01-22	COMPLETED
	12	WEBSITE HOSTED IN LOCAL HOST FOR TESTING	18-01-22	18-01-22	COMPLETED

Daily Sprint

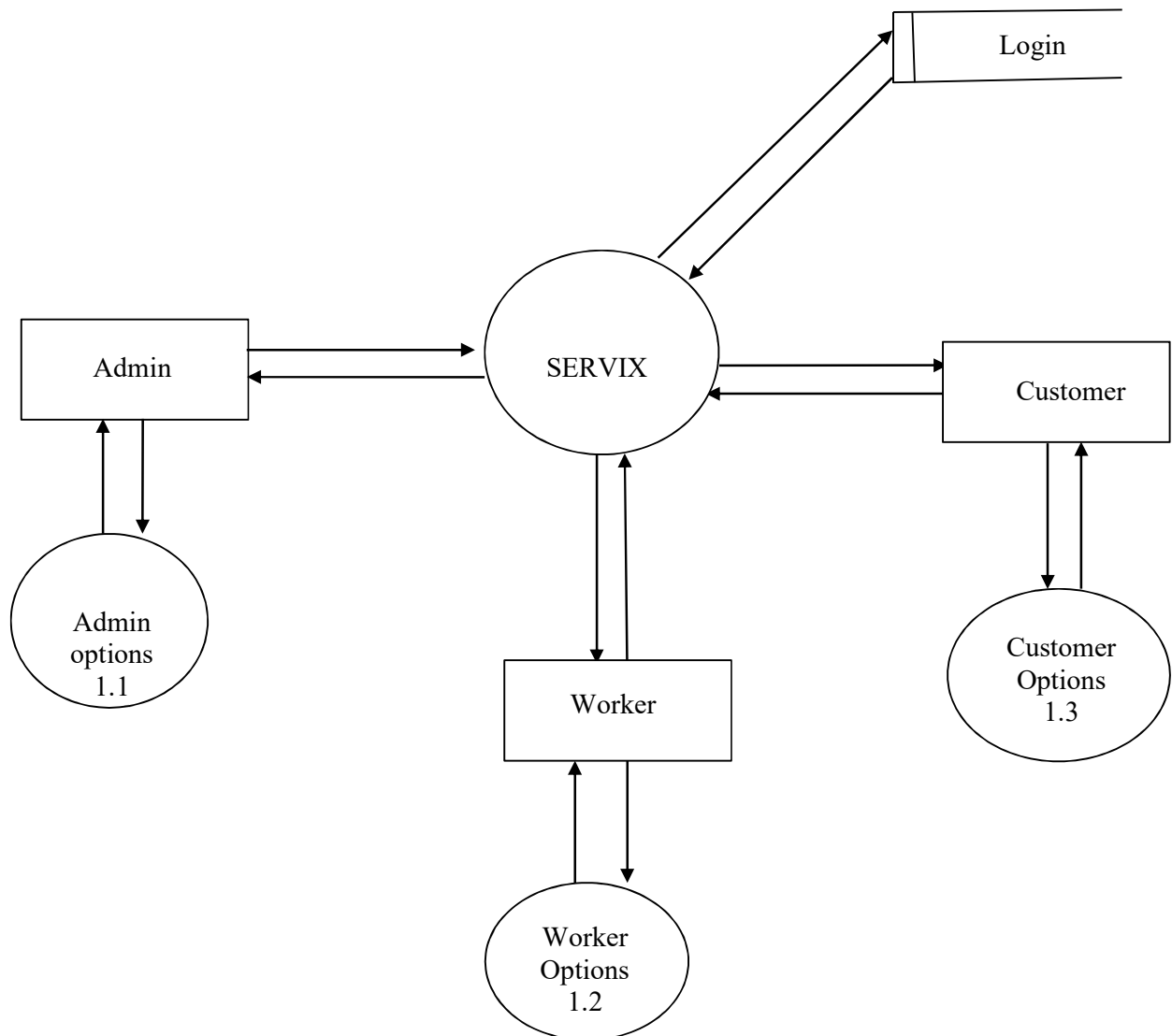| SL No	DATE	TASKS	STATUS
1	30-11-2021	• Find out suitable project topic and discussed the topic with project guide. • Scheduled a team meeting and discussed the requirements • Allocation of positions for each member- Asish as scrum master, Abraham as product owner, Leo & Shankar as developers.	COMPLETED
2	01-12-2021	Prepared abstract for the topic and meet the project guide. Added more features to project topic	COMPLETED
3	03-12-2021	• Set up appserv • Start learning PHP. • Start learning CSS.	COMPLETED
4	04-12-2021	Scheduled a team meeting and discussed about the slide preparation, design etc	COMPLETED
5	08-12-2021	Started preparation for zeroth review	COMPLETED
6	10-12-2021	Collected details and materials for slides	COMPLETED
7	13-12-2021	Prepared slides and git updation	COMPLETED
8	14-12-2021	Got approval for the project and started	COMPLETED
9	15-12-2021	Discussed about the database design	COMPLETED
10	17-12-2021	Draw DFD	COMPLETED
11	23-12-2021	Database designing	COMPLETED
12	27-12-2021	Template designing	COMPLETED
13	28-12-2021	Registration form for users and workers	COMPLETED
14	05-01-2022	Database connection established	COMPLETED
15	15-01-2022	Scheduled meeting and discussion for first review	COMPLETED
16	19-01-2022	Complete slides & record for presentation	COMPLETED

Data Flow Diagram(DFD)

LEVEL 0

Level 1

Login

Admin

SERVIX

Customer

Admin
options
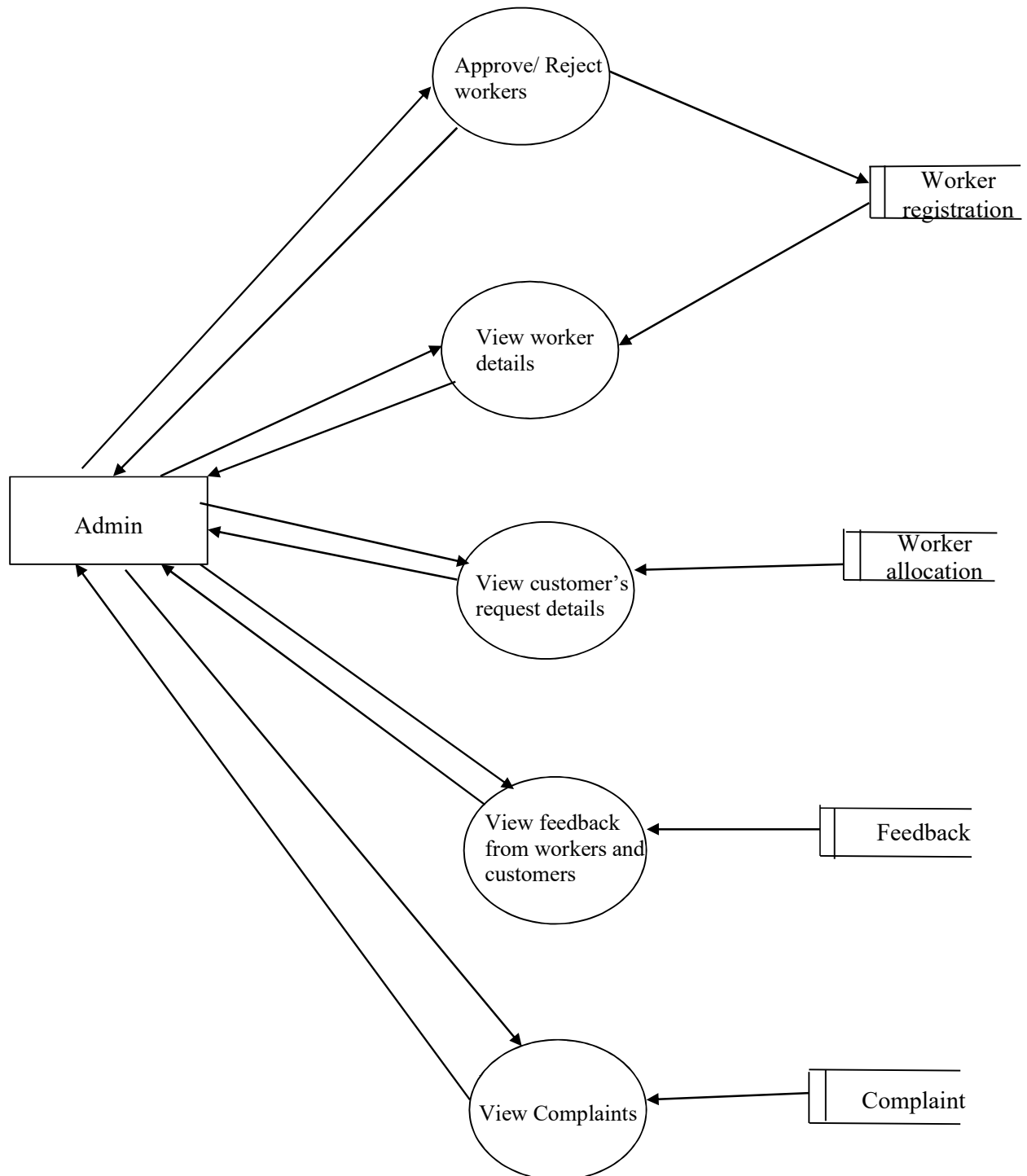1.1

Worker

Customer
Options
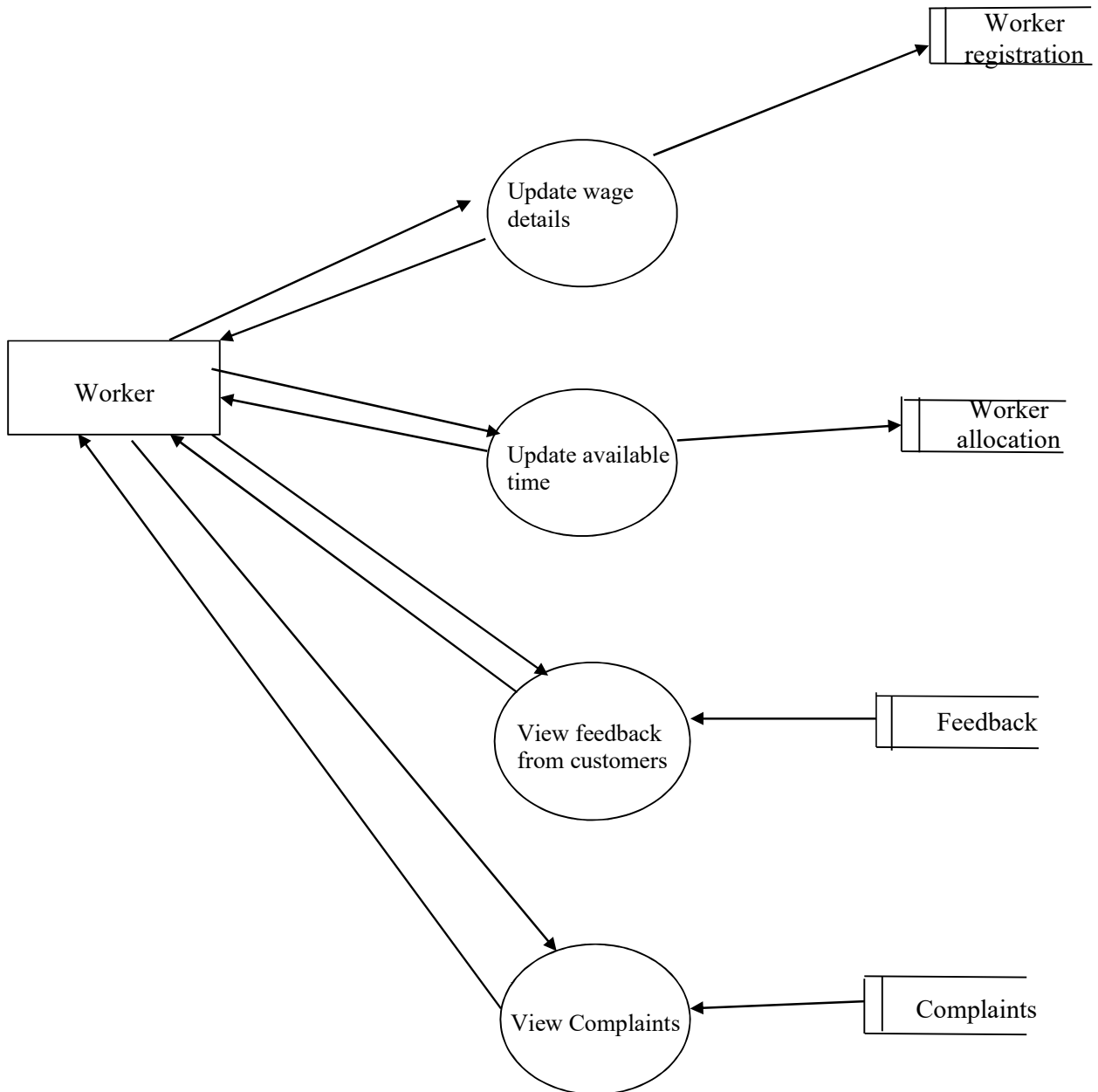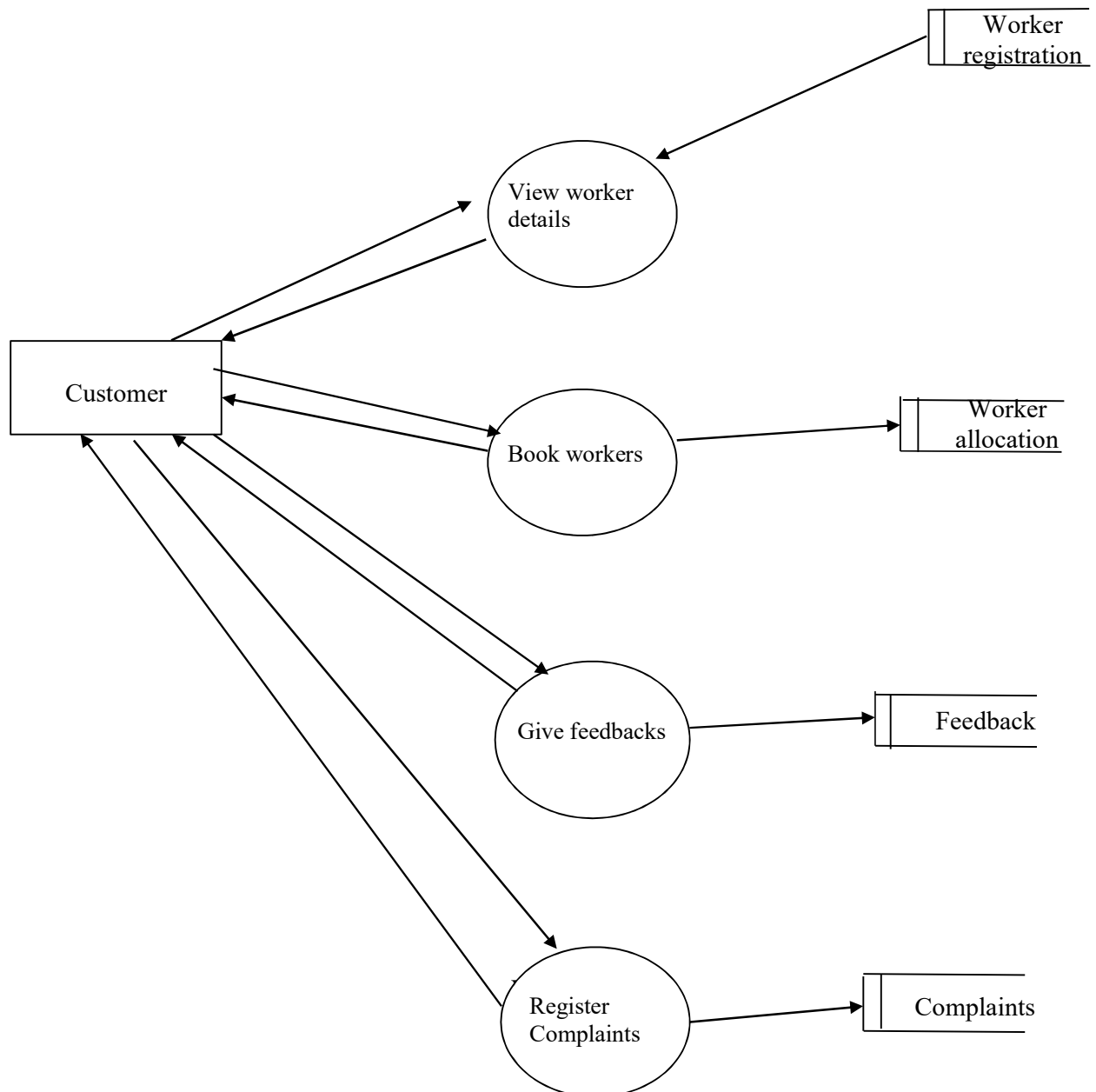1.3

Worker
Options
1.2

Level 1.1

Level 1.2

Level 1.3

DATABASE DESIGN

1. Table Name : User login
   Table Description : Table contains user login details

Field Name	Data type	Constraints	Comments
uid	varchar(20)	Primary key	Login Id of user
name	varchar(20)	Not null	Name of user
Email id	Varchar(20)	Not null	Uer email id
password	varchar(15)	Not null	User Password
role	varchar(15)	Not null	Service required

2. Table Name : Workers registration
   Table Description : Table contains different user registration details.

Field Name	Data type	Constraints	comments
eid	varchar(20)	Primary key	Login id
name	varchar(20)	Not null	Name of worker
Aadhar no	int	Not null	Aadhar no of worker
email	varchar(20)	Not null	email of worker
name	varchar(20)	Not null	name
phno	int	Not null	Phone no of worker
role	varchar(20)	Not null	Type of service providing

3.Table Name : worker allocation
   Table Description : Table contains worker alloaction details.

Field name	Data type	Constraints	Comment
worker_id	int(20)	Primary key	Unique id for employee
Name	varchar(30)	Not null	Name of employee
Role	varchar(30)	Not null	Type of service provided
Date & Time	date	Not null	Prefered time of work
Duration	varchar(20)	Not null	Expected duration
Salary	int(10)	Not null	Salary of employee

4.Table Name : Complaint table
   Table Description : Table contains details of complaint.

Field name	Data types	Constraints
cid	int(12)	Primary key
complaint	varchar(50)	Not null
Date	varcahr(30)	Not null
Time	varchar(15)	Not null
Username	varchar(5)	Not null
Reply	varchar(50)	Not null

5. Table Name : Feedback Table
   Table Description : Table contains details of feedbacks.

Field name	Data types	Constraints
fid	int(5)	Primary key
Feedback	varchar()20	-
Time	varchar(50)	-
Date	varchar(50)	-
Userid	varchar(50)	Foreign key

6. Table Name : Customer registration table
   Table Description : Table contains details of customer.

Field name	Data types	Constraints
Name	varchar(5)	-
Address	varchar(30)	-
Email	varchar(50)	Primary key
Contact	varchar(10)	-