

# **ONLINE JOB SERVICE**

A Mini Project Report

submitted by

**MOHAMMED ARIF T (MES21MCA-2023)**

to

the APJ Abdul Kalam Technological University  
in partial fulfillment of the requirements for the award of the Degree

of

Master of Computer Applications



**Department of Computer Applications**

MES College of Engineering  
Kuttippuram, Malappuram - 679582

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## DECLARATION

I undersigned hereby declare that the project report **ONLINE JOB SERVICES**, submitted for partial fulfillment of the requirements for the award of degree of Master of Computer Applications of the APJ Abdul Kalam Technological University, Kerala, is a bonafide work done by me under supervision of Vasudevan TV, Assistant Professor, Department of Computer Applications. This submission represents my ideas in my own words and where ideas or words of others have been included. I have adequately and accurately cited and referenced the original sources. I also declare that I have adhered to ethics of academic honesty and integrity and have not misrepresented or fabricated any data or idea or fact or source in my submission. I understand that any violation of the above will be a cause for disciplinary action by the institute and/or the University and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been obtained. This report has not been previously formed the basis for the award of any degree, diploma or similar title of any other University.

Pace: kuttippuram

Date:

MOHAMMED ARIF T(MES21MCA-2023)

DEPARTMENT OF COMPUTER APPLICATIONS  
MES COLLEGE OF ENGINEERING, KUTTIPPURAM



CERTIFICATE

This is to certify that the report entitled **ONLINE JOB SERVICES** is a bona fide record of the Mini Project work during the year 2022-23 carried out by **MOHAMMED ARIF T (MES21MCA-2023)** submitted to the APJ Abdul Kalam Technological University, in partial fulfillment of the requirements for the award of the Master of Computer Applications, under my guidance and supervision. This report in any form has not been submitted to any other University or Institution for any purpose.

Internal Supervisor(s)

Head of The Department

# Acknowledgements

At the very outset I would like to thank the almighty's mercy towards me over the years. I wish to express my sincere thanks to my project coordinator, Mr. VASUDEVAN.T.V Assistant professor, Dept. of Master of Computer Applications who guided me for the successful completeness of this project. I also thank her for valuable suggestions, guidance, constant encouragement, boundless corporation, constructive comments and motivation extended to me for completion of this project work.

I would express my sincere thanks to my internal guide Mr. Hyderali K, Head of Department for his immense guidance to complete the project successfully.

I would like to express my sincere thanks to all the faculty members of Master of Computer Applications department for their support and valuable suggestion for doing the project work. Last but not least my graceful thanks to my parents, friends and also the persons who supported me directly and indirectly during the project.

**MOHAMMED ARIF T(MES21MCA-2023)**

# Abstract

The main purpose of this project is to help the public getting the services for their problems solved through online without going any shop. Through this system, public can search workers and find them. So, it save more time. Its main purpose is to provide a smart and easy way for Search job services and its Tracking. Where public can find workers for HOME MAINTANANCE (Plumber, Electrician, Painter,) HOME APPLIANCE REPAIRS (Air Conditioner, Washing Machine, Fridge), LAUNDRY SERVICES (Steam iron, Dry cleaning, Wash and iron) CLEANING SERVICES (Cleaning), ELECTRONIC REPAIR (CCTV Installation, Printer Repair, Desktop Repair). The workers register their services and address in detail, so the public can get nearest labor, fast service low cost. All the peoples living in housing schemes societies can use our web application for easy way to find the labors

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# Chapter 1

## Introduction

The main purpose of this project is to help the public getting the services for their problems solved through online without going any shop. Through this system, public can search workers and find them. So, it save more time. Its main purpose is to provide a smart and easy way for Search job services and its Tracking. Where public can find workers for HOME MAINTANANCE (Plumber, Electrician, Painter,) HOME APPLIANCE REPAIRES (Air Conditioner, Washing Machine, Fridge), LAUNDRY SERVICES (Steam ion, Dry cleaning, Wash and ion) CLEANING SERVICES (Cleaning), ELECTRONIC REPAIR (CCTV Installation, Printer Repair, Desktop Repair). The workers register their services and address in detail, so the public can get nearest labor, fast service low cost. All the peoples living in housing schemes societies can use our web application for easy way to find the labors

### 1.1 Background

#### 1.1.1 ONLINE JOB SERVICE

The main purpose of this project is to help the public getting the services for their problems solved through online without going any shop. Through this system, public can search workers and find them. So, it save more time and can get nearest labor, fast service low cost. Its main purpose is to provide a smart and easy way for Search job services and its Tracking.

## 1.2 Motivation

- Run on any operating system: - browser based application can be run on any computer which have fully functional browser. This cannot be adaptable for limited browser fictionalized devices(PDAs)
- No installation of client:-browser based applications do not need installation they only communicate through browser

## 1.3 Objective

Your project objective goes here To create a browser based se, The main purpose of this project is to help the public getting the services for their problems solved through online without going any shop. Through this system, public can search workers and find them.

## 1.4 Contribution

The main purpose of this project is to help the public getting the services for their problems solved through online without going any shop. Through this system, public can search workers and find them. All the peoples living in housing schemes societies can use our web application for easy way to find the labors.

## 1.5 Report Organization

Write your project report structure.

### *REPORT ORGANIZATION*

(Sample) The project report is divided into four sections. Section 2 describes literature survey. Section 3 describes the methodology used for implementing the project. Section 4 gives the results and discussions. Finally Section 5 gives the conclusion

# Chapter 2

## Existing System

The rise of e-commerce and the growth of online services over the last decade have shown a significant effect on the market share of “brick and mortar” retailers. A noteworthy effect can be seen as it has imposed a great threat to the small business owners, laborers and shopping mall retailers. The trend of booking services online and purchasing products over the internet is the main reason behind this downfall. This is mainly due to various factors such as the ease or the luxury to shop/book from their home/workplace with variety of options available to choose from and without the difficulty of moving from one shop to another. It is obviously more convenient and a much relaxed approach. Online Shopping can actually be imagined as a virtual shop from where the consumers can book the services they need or buy the products as per their preference through internet. It is a form of e-commerce. Presently there are a number of online stores running and working non-stop to satisfy their consumer needs. Consumers rely on these stores even more because many of them even gives you the benefit of returning and exchanging the products that is once bought unlike many retail shops. Amazon, Flipkart, UrbanClap, Myntra are some of the leading online stores with many others. Because of this increasing competition a number of retail shops are setting up their online stores and establishing their nook. It has become very pedantic to take ones business online. Retailers constitute a wide segment of the population with an even large range of people depending is counting upon these retailers. But the looming of easy online service booking has left them with nothing but uncertainties and helplessness. Numerous research works have always mentioned the impact of online services on retailers/small scale business/ laborers to be a negative one.

## Chapter 3

# Methodology

### 3.1 Introduction

There are already some existing apps which are providing the same services to help customers with their service needs and send their employees to customers home to fix the problems. But this is of no use to the laborers because these companies are using their own employees and not people from retail shops or daily-wage laborers. AtDoorstep is basically concerned for this section of the society and is an initiative to remove all the mediators between the customer and the employee/laborer. The target audience is universal. Some apps provide only few services based on availability of their professional employees. AtDoorstep would have no such problem as it would connect the customer directly to the shop/labor on the basis of their requirement. Few are not true in terms of providing professional workers. If the customers are not satisfied with the work of the employee many a times there is no chat/calling option for them to register their complaints. AtDoorstep would have both. People can give reviews both positive and negative. And unlike some companies, who hide the negative comments/reviews, AtDoorStep would remain true to its customers and there will be no filter regarding any shop/employee. Customers can even book their employee based on the ratings that a particular labor/shop has. This would help both the customer and the employee to select the best and give their best respectively. This would set a healthy competition..

1. **The product owner (PO)** : Who represents the stakeholder and the business.
2. **The scrum master** : Ensures the process followed, removes obstructions, and protects the developing system
3. **Development team**: Cross functional, self organizing team who actually do the actual analysis, design implementation and testing process.

They work together in iterative time boxed durations called sprints. The first step is the creation of the product backlog by the PO. It's a to-do list of stuff to be done by the scrum team. Then the scrum team selects the top priority items and tries to finish them within the time box called a sprint. An easier way to remember all of this is to memorize the 3-3-5 framework. It means that a scrum project has 3 roles, 3 artifacts, and 5 events

These are:-

1. Roles : Product Owner, Scrum Master, and development team.
2. Artifacts : Product Backlog, Sprint Backlog and Product Increment.
3. Events : Sprint, Sprint planning, Daily Scrum, Sprint review and Sprint retrospective

The framework begins with a simple premise starting with what can be seen or known. After that the progress is tracked and tweaked as necessary. The three pillars of scrum are transparency, inspection and adaptation. In scrum everyone has a role.

ONLINE JOB SERVICE is implemented in Django-Python, a framework of Python language. Django is a high-level Python web framework that encourages rapid development and clean, pragmatic design and it's great for creating database-driven websites.. It's free and open source.

### 3.2. PRODUCT BACKLOG

A product backlog is a list of the new features, changes to existing features, bug fixes, infrastructure changes or other activities that a team may deliver in order to achieve a specific outcome. The product backlog is the single authoritative source for things that a team works on. That means that nothing gets done that isn't on the product backlog. Conversely, the presence of a product backlog item on a product backlog does not guarantee that it will be delivered. It represents an option the team has for delivering a specific outcome rather than a commitment. It should be cheap and fast to add a product backlog item to the product backlog, and it should be equally as easy to remove a product backlog item that does not result in direct progress to achieving the desired outcome or enable progress toward the outcome. The Scrum Product Backlog is simply a list of all things that

ID	NAME	PRIORITY	ESTIMATE
1	Registration	High	13
2	Login	High	7
3	Booking	High	15
4	Status	Medium	9
5	Feedback	Low	6

### 3.3 USER STORY

A key component of agile software development is putting people first, and user-stories put actual end users at the center of the conversation. Stories use non-technical language to provide context for the development team and their efforts. After reading a user story, the team knows why they are building what they're building and what value it creates. A user story is a tool used in agile software development to capture a description of a software feature from an end user perspective. The user story describes the type of user, what they want and why. A user story helps to create a simplified description of a requirement. User stories are one of the core components of an agile program. They help provide a user-focused framework for daily work — which drives collaboration, creativity, and a better product overall. The user story of the system is given in Table ??

USER STORY ID	As a <type of user>	I want to <perform some task>	So that I can <achieve some goal>
1	Admin	Manage labour	Access to delete unwanted labour
2	Admin	Check status	View status
3	Admin	Browse feedback	View feedback
4	Admin	Post location	Post places
5	Admin	Login to admin account	Access the admin account
	Labor	Login to user account	Access the labor account
	Customer	Login to customer account	Access the customer account
6	Customer	Fill the booking form	Book the preferred labor
7	Customer	Registration	Create profile
8	Customer	Check status	View status
9	Customer	Add feedback	Post feedback of the work

USERSTORY ID	AS a <type of user>	I want to<perform some task>	So that I can<achieve some goal>
10	customer	Update booking	Change booking details
11	Labor	Registration	Create profile
12	Labor	Check works	Access to view all works
13	Labor	Add status	Access to Verify/reject the work
14	Labor	Post feedback	add feedback
15	Labor	Delete account	Allow to delete own account

### 3.4 PROJECT PLAN

A project plan that has a series of tasks laid out for the entire project, listing task durations, responsibility assignments, and dependencies. Plans are developed in this manner based on the assumption that the Project Manager, hopefully along with the team, can predict up front everything that will need to happen in the project, how long it will take, and who will be able to do it. Project plan is given in Table below:

USER STORY ID	SPRINT	START DATE	END DATE	HOURS	STATUS
1 2 3 4	SPRINT 1	16/8/2022	30/08/2022	12	COMPLETED
5 6 7 8	SPRINT 2	31/08/2022	16/9/2022	13	COMPLETED
9 10 11 12	SPRINT 3	17/9/2022	11/10/2022	13	COMPLETED



USER STORY ID	SPRINT	START DATE	END DATE	HOURS	STATUS
13 14 15	SPRINT 4	12/10/2022	15/11/2022	12	COMPLETED

### 3.5 SPRINT BACKLOG (PLAN)

The sprint backlog is a list of tasks identified by the Scrum team to be completed during the Scrum sprint. During the sprint planning meeting, the team selects some number of product backlog items, usually in the form of user stories, and identifies the tasks necessary to complete each user story. Most teams also estimate how many hours each task will take someone on the team to complete.

#### SPRINT 1:

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY 1 16/08/2022	DAY 17/08/2022	DAY 3 18/08/2022	DAY 4 19/08/2022
USER STORY #1		HRS	HRS	HRS	HRS	HRS
FORM DESIGN	16/08/2022	0	0	0	0	0
TABLE DESIGN	17/08/2022	1	0	1	0	0
CODING	18/08/2022	1	0	0	1	0
TESTING AND VALIDATION	19/08/2022	0	0	0	0	1

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY 1 21/08/2022	DAY 22/08/2022	DAY 3 22/08/2022	DAY 4 25/08/2022
<b>USER STORY #2</b>		<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>
<b>FORM DESIGN</b>	21/08/2022	0	0	0	0	0
<b>TABLE DESIGN</b>	22/08/2022	1	1	0	0	0
<b>CODING</b>	22/08/2022	1	0	0	1	0
<b>TESTING AND VALIDATION</b>	25/08/2022	1	0	0	0	1

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY 1 26/08/2022	DAY 27/08/2022	DAY 3 28/08/2022	DAY 4 30/08/2022
<b>USER STORY #3</b>		<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>
<b>FORM DESIGN</b>	26/08/2022	0	0	0	0	0
<b>TABLE DESIGN</b>	27/08/2022	1	0	1	0	0
<b>CODING</b>	28/08/2022	1	0	1	0	0
<b>TESTING AND VALIDATION</b>	30/08/2022	0	0	0	0	1

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY 1 31/08/2022	DAY 31/08/2022	DAY 3 03/09/2022	DAY 4 04/09/2022
<b>USER STORY #4</b>		<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>
<b>FORM DESIGN</b>	31/08/2022	0	0	0	0	0
<b>TABLE DESIGN</b>	31/08/2022	1	1		0	0
<b>CODING</b>	03/09/2022	1	0	0	1	0
<b>TESTING AND VALIDATION</b>	04/09/2022	1	0	0	0	1
<b>TOTAL</b>		<b>12</b>				

**SPRINT 2:**

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY 1 05/09/2022	DAY 05/09/2022	DAY 3 06/09/2022	DAY 4 07/09/2022
<b>USER STORY #5</b>		<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>
<b>FORM DESIGN</b>	<b>05/09/2022</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TABLE DESIGN</b>	<b>05/09/2022</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>CODING</b>	<b>06/09/2022</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>TESTING AND VALIDATION</b>	<b>07/09/2022</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY 1 08/09/2022	DAY 08/09/2022	DAY 3 09/09/2022	DAY 4 09/09/2022
<b>USER STORY #6</b>		<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>
<b>FORM DESIGN</b>	<b>08/09/2022</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TABLE DESIGN</b>	<b>08/09/2022</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CODING</b>	<b>09/09/2022</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>TESTING AND VALIDATION</b>	<b>09/09/2022</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY 1 10/09/2022	DAY 10/09/2022	DAY 3 11/09/2022	DAY 4 12/09/2022
<b>USER STORY #7</b>		<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>
<b>FORM DESIGN</b>	<b>10/09/2022</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TABLE DESIGN</b>	<b>10/09/2022</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>CODING</b>	<b>11/09/2022</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>TESTING AND VALIDATION</b>	<b>12/09/2022</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY 1 13/09/2022	DAY 14/09/2022	DAY 3 15/09/2022	DAY 4 16/09/2022
<b>USER STORY #8</b>		<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>
FORM DESIGN	13/09/2022	0	0	0	0	0
TABLE DESIGN	14/09/2022	1	1	0	0	0
CODING	15/09/2022	1	0	0	1	0
TESTING AND VALIDATION	16/09/2022	1	0	0	0	1
TOTAL		13				

### SPRINT 3:

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY 1 17/09/2022	DAY 18/09/2022	DAY 3 19/09/2022	DAY 4 20/09/2022
<b>USER STORY #9</b>		<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>
FORM DESIGN	17/09/2022	1	0	0	0	0
TABLE DESIGN	18/09/2022	1	1	0	0	0
CODING	19/09/2022	1	0	0	1	0
TESTING AND VALIDATION	20/09/2022	1	0	0	0	1

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY 1 21/09/2022	DAY 22/09/2022	DAY 3 23/09/2022	DAY 4 30/09/2022
<b>USER STORY #10</b>		<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>
FORM DESIGN	21/09/2022	0	0	0	0	0
TABLE DESIGN	22/09/2022	1	1	0	0	0
CODING	23/09/2022	1	0	0	1	0
TESTING AND VALIDATION	30/09/2022	1	0	0	0	1

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY 1 01/10/2022	DAY 02/10/2022	DAY 3 03/10/2022	DAY 4 04/10/2022
<b>USER STORY #11</b>		<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>
FORM DESIGN	01/10/2022	1	0	0	0	0
TABLE DESIGN	02/10/2022	1	1	0	0	0
CODING	03/10/2022	1	0	0	1	0
TESTING AND VALIDATION	04/10/2022	1	0	0	0	1

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY 1 08/10/2022	DAY 09/10/2022	DAY 3 10/10/2022	DAY 4 11/10/2022
<b>USER STORY #12</b>		<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>
FORM DESIGN	08/10/2022	0	0	0	0	0
TABLE DESIGN	09/10/2022	1	1	0	0	0
CODING	10/10/2022	1	0	0	1	0
TESTING AND VALIDATION	11/10/2022	1	0	0	0	1
TOTAL		13				

## SPRINT 4:

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY 1 12/10/2022	DAY 13/10/2022	DAY 3 14/10/2022	DAY 4 15/10/2022
<b>USER STORY #13</b>		<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>
FORM DESIGN	12/10/2022	1	1	0	0	0
TABLE DESIGN	13/10/2022	1	0	1	0	0
CODING	14/10/2022	1	0	0	1	0
TESTING AND VALIDATION	15/10/2022	1	0	0	0	1

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY 1 16/10/2022	DAY 17/10/2022	DAY 3 22/10/2022	DAY 4 30/10/2022
<b>USER STORY #14</b>		<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>
<b>FORM DESIGN</b>	16/10/2022	1	0	0	0	0
<b>TABLE DESIGN</b>	17/10/2022	1	1	0	0	0
<b>CODING</b>	22/10/2022	1	0	0	1	0
<b>TESTING AND VALIDATION</b>	30/10/2022	1	0	0	0	1

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY 1 01/11/2022	DAY 07/11/2022	DAY 3 12/11/2022	DAY 4 15/11/2022
<b>USER STORY #15</b>		<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>	<b>HRS</b>
<b>FORM DESIGN</b>	01/11/2022	0	0	0	0	0
<b>TABLE DESIGN</b>	07/11/2022	1	0	1	0	0
<b>CODING</b>	12/11/2022	1	0	0	1	0
<b>TESTING AND VALIDATION</b>	15/11/2022	1	0	0	0	1
<b>TOTAL</b>		12				

### 3.6 Data Flow Diagram

#### LEVEL 0:

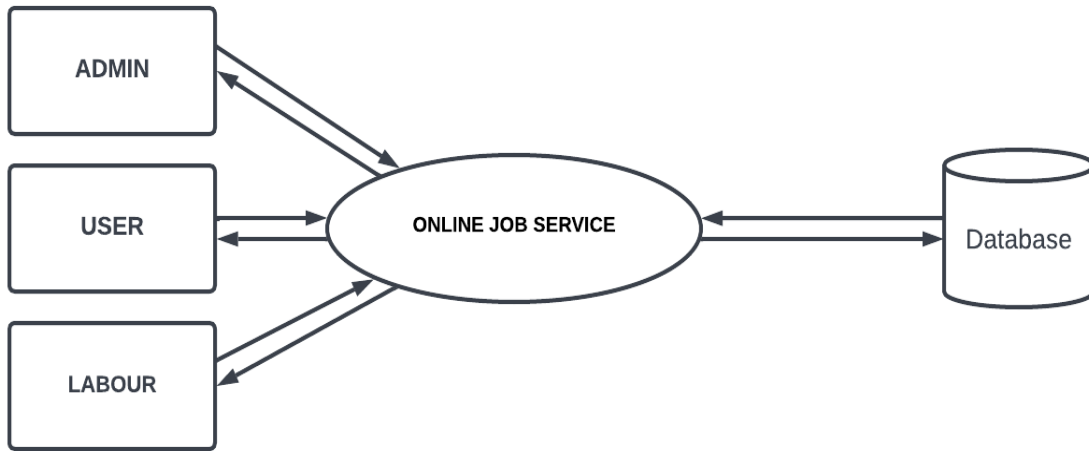


Figure A.1.Dataflow Diagram

#### LEVEL 1:

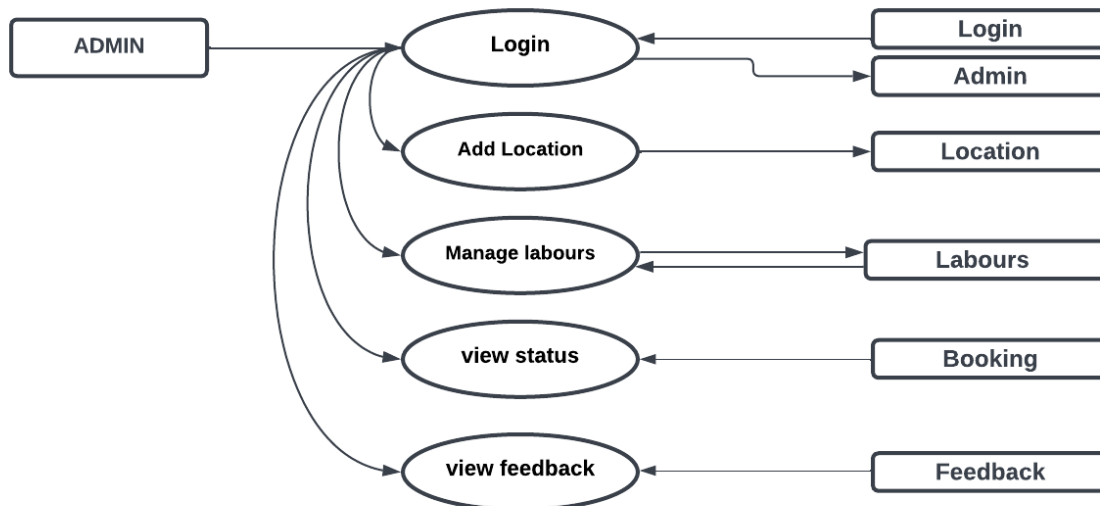


Figure A.2.Dataflow Diagram

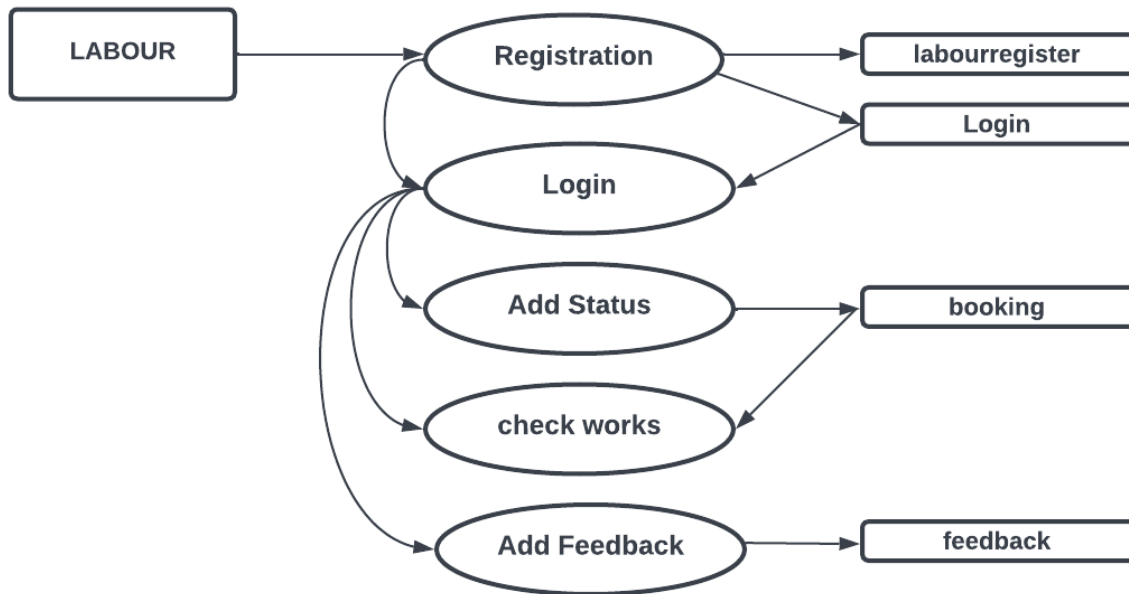
**LEVEL 2:**

Figure A.3.Dataflow Diagram

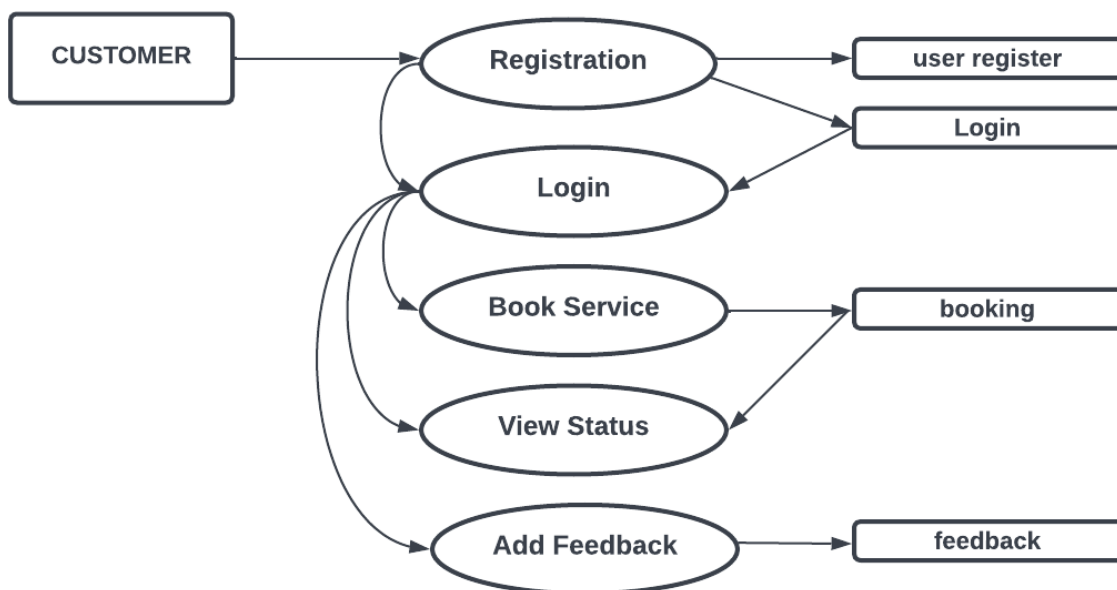
**LEVEL 3:**

Figure A.3.Dataflow Diagram



### 3.7 ER DIAGRAM

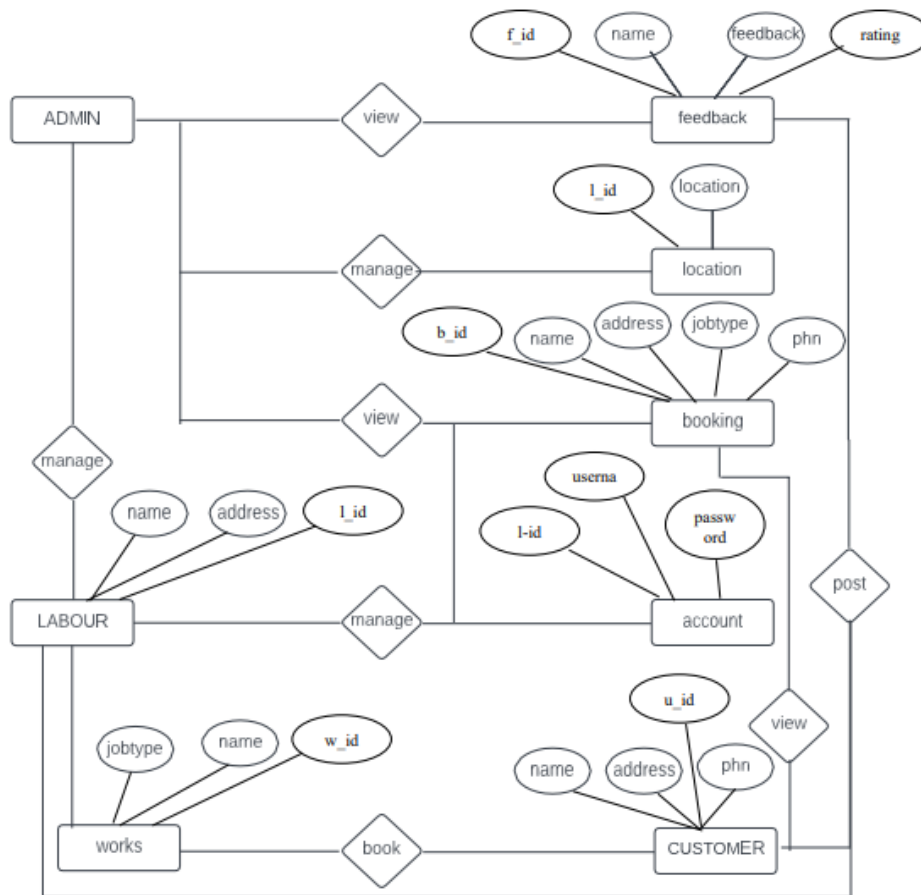


Figure A.5.ER Diagram

### 3.8 TABLES

#### LOGIN

ATTRIBUTE	DATA TYPE	CONSTRAINT	DESCRIPTION
Id	Int	Primary key	Login id
username	Varchar	Not null	Username
email	Varchar	Not null	Email
password	Varchar	Not null	Password

#### USER REGIDTRATION

ATTRIBUTE	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
UIId	Int	10	Primary key	user id
username	Varchar	500	Not null	Username
Gender	Varchar	10	Not null	Gender
Password	Varchar	10	Not null	Rating
Name	Varchar	30	Not null	Name
address	Varchar	30	Not null	Address
Phone	Varchar	10	Not null	phone

### FEEDBACK

ATTRIBUTE	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
FId	Int	10	Primary key	Feed id
feedback	Varchar	500	Not null	Username
email	Varchar	50	Not null	Email
rating	Varchar	10	Not null	rating

### LABOR REGIDTRATION

ATTRIBUTE	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
LId	Int	10	Primary key	Labor id
username	Varchar	500	Not null	Username
Gender	Varchar	10	Not null	Gender
Password	Varchar	10	Not null	Rating
Name	Varchar	30	Not null	Name
Place	Varchar	30	Not null	Place
Phone	Varchar	10	Not null	phone
Job type	Varchar	10	Not null	Job type

## BOOKING

ATTRIBUTE	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
BookId	Int	10	Primary key	book id
Job type	Varchar	500	Not null	jobtype
Gender	Varchar	10	Not null	Gender
Amount	Varchar	10	Not null	Amount
Name	Varchar	30	Not null	Name
address	Varchar	30	Not null	Address
Phone	Varchar	10	Not null	phone

## LOCATION

ATTRIBUTE	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
locId	Int	10	Primary key	Login id
Location	Varchar	20	Not null	Username

# Chapter 4

## RESULTS AND DISCUSSIONS

### 4.1 RESULTS

Squadfree - Free bootstrap 3 one page template

127.0.0.1:8000/laborregist/%20view/#about

ONLINE JOB SERVICE

HOME MANAGE LABOR LOCATION VIEW STATUS FEEDBACK

## LABORS

Name	Username	Password	Place	Job Type	Amount	Gender	Phone	Email	
nbv n	bvcn	cvc bv		plumber		on	1234567890	hello@123	DELETE
dsbv	b	b		Electronics	2334	male	1234567890	hello@123	DELETE
arif	arifar	1234		CCTV installation	4545	male	1234567890	hello@123	DELETE
arif	arifar	1234	mkz	dry cleaning	2334	male	1234567890	hello@123	DELETE
hmd	hmd	1234	mlp	painter	234	male	987654321	tytt@gmail.com	DELETE
fgh	abc	abc	mkz	plumber	234	male	345467	hello@123	DELETE
shabeer	shabeer	123	mkz	steam ion	2334	male	1234567890	hello@123	DELETE
irshad	irshad	ir	kozhikode	Electronics	500	male	987654321	hello@123	DELETE
alev	alev	alev	mkz	fridge	4000	female	3447482647	ale@gmail.com	DELETE

127.0.0.1:8000/laborregist/ view/#intro

Activate Windows  
Go to Settings to activate Windows.

Squadfree - Free bootstrap 3 one page template

127.0.0.1:8000/laborregist/%20view/#about

ONLINE JOB SERVICE

HOME MANAGE LABOR LOCATION VIEW STATUS FEEDBACK

## LABORS

Name	Username	Password	Place	Job Type	Amount	Gender	Phone	Email	
nbv n	bvcn	cvc bv		plumber		on	1234567890	hello@123	DELETE
dsbv	b	b		Electronics	2334	male	1234567890	hello@123	DELETE
arif	arifar	1234		CCTV installation	4545	male	1234567890	hello@123	DELETE
arif	arifar	1234	mkz	dry cleaning	2334	male	1234567890	hello@123	DELETE
hmd	hmd	1234	mlp	painter	234	male	987654321	tytt@gmail.com	DELETE
fgh	abc	abc	mkz	plumber	234	male	345467	hello@123	DELETE
shabeer	shabeer	123	mkz	steam ion	2334	male	1234567890	hello@123	DELETE
irshad	irshad	ir	kozhikode	Electronics	500	male	987654321	hello@123	DELETE
elav	elav	elav	mkz	fridge	1000	female	2147483647	elav@gmail.com	DELETE

127.0.0.1:8000/laborregist/ view/#intro

Squadfree - Free bootstrap 3 one page template

127.0.0.1:8000/booking/%20work/#about

ONLINE JOB SERVICE

HOME WORKS STATUS FEEDBACK SIGN OUT

## BOOKING

Name	Address	job type	Amount	phone	status	payment	Labour	Date	
emin mehak	aaaaaaa	fridge mechanic	1000	1234567890	approved	paid	sinu	Nov. 15, 2022, 9:52 a.m.	PAID

127.0.0.1:8000/booking/%20views/#about

ONLINE JOB SERVICE

HOME WORKS STATUS FEEDBACK SIGN OUT

## STATUS

Name	address	job type	Amount	phone	status	payment	labour	Date		
emin mehak	aaaaaaa	fridge mechanic	1000	1234567890	approved	paid	sinu	Nov. 15, 2022, 9:52 a.m.	APPROVE	REJECT
emin	emeeee	fridge mechanic	1000	1234567894	approved	paid	sinu	Nov. 30, 2022, 6:51 p.m.	APPROVE	REJECT
emin	jijiji	fridge mechanic	1000	1234567894	approved	paid	sinu	Nov. 29, 2022, 7:25 p.m.	APPROVE	REJECT

Activate Windows  
Go to Settings to activate Windows.

ONLINE JOB SERVICE

HOME WORKS STATUS FEEDBACK SIGN OUT

## FEEDBACK

Name:

feedback:

★★★★★

SUBMIT

ONLINE JOB SERVICE
HOME
BOOKING
STATUS
FEEDBACK
SIGN OUT

BOOKING

Name:
Address:
Job Type:

Activate Windows

ONLINE JOB SERVICE
HOME
BOOKING
STATUS
FEEDBACK
SIGN OUT

BOOKING

Name	Address	job type	Amount	phone	status	payment	Labour	Date		
suhu	ssss	steam ion	2334	1234567890	rejected		shabeer	Nov. 15, 2022, 10:12 a.m.	UPDATE	CANCEL
arif ali	meenar	dry cleaning	2334	1234567890			arif	Nov. 17, 2022, 8:07 p.m.	UPDATE	CANCEL





## FEEDBACK

Name	Rating	feedback	Type
arif		good	0
arif		gnnh	0
arif	on	yjihnmgh	0
hjmkg	3	gvnm	0
suhail	3	good	7
arif mohammed	4	very good work	10
emin	4	satisfied	10

## Chapter 5

### Conclusions

In today's fast growing world, AtDoorStep will help in reducing the burden of the customers by taking care of their basic house needs and services. It would behave as a platform to get connected to the most reliable, trustworthy and skilled laborers for their in-house services. AtDoorStep will help the workers, small businessman, retailers etc to adapt to the changing trend of technology and not be at loss or behind in any way. It is a small step towards reducing unemployment. The proposed system provides wide ranging services at the customer's doorstep. The framework is made such that both the customer as well as the worker (not highly educated) can easily understand and face no problem while using the app. From cleaning to pest-control, furniture and electrical works, painting, appliance and computer repair to beauty and wellness and design etc all services will be just a click away.

# References

- [1] Yan, Xiaoxing, "Impact of Online Shopping on Shopping Malls" (2018) Applied Economics Theses. 29. [http://digitalcommons.buffalostate.edu/economics\\_theses/29](http://digitalcommons.buffalostate.edu/economics_theses/29).
- [2] IOSR Journal of Business and Management (IOSR-JBM) e-ISSN: 2278-487X, p-ISSN: 2319-7668. PP 74-78 [www.iosrjournals.org](http://www.iosrjournals.org) National Conference on Advances in Engineering, Technology & Management 74 | Page (AETM'15)" A Study on "The impact of online shopping upon retail trade business", Amit Saha.
- [3] Malileh Ghajargar, Giovanni Zenezini and Teodoro Montanaro "Home delivery services: innovations and emerging needs." IFAC-PapersOnline 49-12(2016) 1371-1376.
- [4] <https://yourstory.com/2015/08/home-services-industry>
- [5] <https://mobisoftinfotech.com/resources/blog/on-demand-home-services-startups/>

# Appendix

## Source Code

---

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="description" content="">
  <meta name="author" content="">

  <title>Squadfree - Free bootstrap 3 one page template</title>

  <!-- Bootstrap Core CSS -->
  <link href="/static/css/bootstrap.min.css" rel="stylesheet" type="text/css">

  <!-- Fonts -->
  <link href="/static/font-awesome/css/font-awesome.min.css" rel="stylesheet" type="text/css">
  <link href="/static/css/animate.css" rel="stylesheet" />
  <!-- Squad theme CSS -->
  <link href="/static/css/style.css" rel="stylesheet">
  <link href="/static/color/default.css" rel="stylesheet">
</head>

<body id="page-top" data-spy="scroll" data-target=".navbar-custom">
  <!-- Preloader -->
  <div id="preloader">
    <div id="load"></div>
  </div>

  <nav class="navbar navbar-custom navbar-fixed-top" role="navigation">
    <div class="container">
      <div class="navbar-header page-scroll">
        <button type="button" class="navbar-toggle" data-toggle="collapse"
          data-target=".navbar-main-collapse">
          <i class="fa fa-bars"></i>
        </button>
        <a class="navbar-brand" href="admin.html">
          <h1>ONLINE JOB SERVICE</h1>
        </a>
      </div>
    </div>
  </nav>
</body>
</html>
```

```

</div>

<!-- Collect the nav links, forms, and other content for toggling -->
<div class="collapse navbar-collapse navbar-right navbar-main-collapse">
<ul class="nav navbar-nav">
<li class="active"><a href="#intro">Home</a></li>
<li><a href="/laborregist/ view/#about">manage labor</a></li>
<li><a href="/location/loc/#about">Location</a></li>
<li><a href="/booking/ adminsts/#about">View status</a></li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown">FEEDBACK <b
class="caret"></b></a>
<ul class="dropdown-menu">
<li><a href="/feedback/ viewadmin/#about">feedback</a></li>
<li><a href="/login/post/">Sign out</a></li>
</ul>
</li>
</ul>
</div>
</div>
</nav>

<!-- Section: intro -->
<section id="intro" class="intro">

<div class="slogan">
<h2>WELCOME TO <span class="text_color">JOB SERVICE</span> </h2>
</div>
<div class="page-scroll">
<a href="#service" class="bt btn-circle">
<i class="fa fa-angle-double-down animated"></i>
</a>
</div>
</section>
<!-- /Section: intro -->

<!-- Section: about -->
<section id="about" class="home-section text-center">
<div class="heading-about">
<div class="container">
<div class="row">
<div class="col-lg-8 col-lg-offset-2">
<div class="wow bounceInDown" data-wow-delay="0.4s">
<div class="section-heading">
{#
<h2>manage service</h2>#}
<i class="fa fa-2x fa-angle-down"></i>
{ % block base % }
{ % endblock % }

</div>
</div>
</div>
</div>
</div>
</div>
<div class="container">
<div class="row">

```

```

<div class="col-md-12 col-lg-12">
  <div class="wow shake" data-wow-delay="0.4s">
    <div class="page-scroll marginbot-30">
      <a href="#intro" id="totop" class="btn btn-circle">
        <i class="fa fa-angle-double-up animated"></i>
      </a>
    </div>
  </div>
  <p>&copy; Copyright 2014 - Squad. All rights reserved. <a href="http://bootstraptaste
.com/">Bootstrap Themes</a> by BootstrapTaste</p>
</div>
</div>
</div>
</footer>

<!-- Core JavaScript Files -->
<script src="/static/js/jquery.min.js"></script>
<script src="/static/js/bootstrap.min.js"></script>
<script src="/static/js/jquery.easing.min.js"></script>
<script src="/static/js/jquery.scrollTo.js"></script>
<script src="/static/js/wow.min.js"></script>
<!-- Custom Theme JavaScript -->
<script src="/static/js/custom.js"></script>

</body>

</html>

```

```

{% extends 'temp/user.html' %}
{% block base %}

```

```

<!DOCTYPE html>
<html>
<head>
  <title>BOOKING</title>
</head>
<style>

```

```

.styled-table {
border-collapse: collapse;
margin: 25px 0;
font-size: 0.9em;
font-family: sans-serif;
min-width: 400px;
box-shadow: 0 0 20px rgba(0, 0, 0, 0.15);
}
.styled-table thead tr {
background-color: #24b1c9;
color: #ffffff;
text-align: left;
}
.styled-table th,
.styled-table td {
padding: 12px 15px;

```

```

}
.styled-table tbody tr {
border-bottom: 2px solid #dddddd;
}

.styled-table tbody tr:nth-of-type(even) {
background-color: #f3f3f3;
}

.styled-table tbody tr:last-of-type {
border: 2px solid #0a0a0a;#}
}

.styled-table tbody tr.active-row {
font-weight: bold;
color: #0a0a0a;
}

.btn{
width: 100%;
background: none;#}
border: 2px solid black;
color: black;
padding: 5px;
font-size: 15px;
cursor: pointer;#}
margin: 12px 0;
}

.textbox{
width: 100%;
overflow: hidden;
font-size: 10px;
padding: 7px 0;
margin: 7px 0;
border: 2px solid black;
}

.fnt{
display: block;
font-size: 20px;
color: black;
}
</style>
<body>
<center>
<h2>Booking</h2>
<form method="post">
{ % csrf_token % }
<font color="black" class="fnt">
<table cellpadding="5" cellspacing="5" class="styled-table"><tbody>

<tr>
<td>Name:</td>
<td><input type="text" name="name" class="textbox" required></td>
</tr>
<tr>
<td>Address:</td>
<td><textarea name="address" class="textbox" required></textarea></td>
</tr>

```



```

<tr>

<td>Job Type:</td>

<td><select id="job" name="job" class="textbox">

    <option class="fnt">.....select.....</option>
    <option class="fnt">Electronics</option>
    <option class="fnt">plumber</option>
    <option class="fnt">painter</option>
    <option class="fnt">air conditioner</option>
    <option class="fnt">washing machine</option>
    <option class="fnt">fridge mechanic</option>
    <option class="fnt">steam ion</option>
    <option class="fnt">dry cleaning</option>
    <option class="fnt">wash and ion</option>
    <option class="fnt">cleaning</option>
    <option class="fnt">CCTV installation</option>
    <option class="fnt">printer repair</option>
    <option class="fnt">Desktop repair</option>

</select></td>

<tr>
<td></td>
<td><select id="sname" name="sname" class="textbox" required></select></td>
</tr>
<tr><td></td>
<td><select id="third" name="third" class="textbox"></select></td>
</tr>
</tr>
<tr>
<td>Date: </td>
<td><input type="datetime-local" name="date" required class="textbox"></td>
</tr>
<tr>
<td>Phone:</td>
<td><input type="text" name="phn" required pattern="[0-9]{10}" class="textbox"></td>
</tr>
<tr>
<td><input type="reset" name="cancel" value="cancel" class="btn"></td><td><input
type="submit" name="submit" value="submit" class="btn"></td>
</tr>
</tbody>
</font>
</table>
</form>

```

```

<script src="https://code.jquery.com/jquery-3.3.1.min.js"></script>
<script>
    $("#job").change(function () {
        var optionselect=$(this).find("option:selected");
        var jobtype=optionselect.text();
        $.ajax({
            url:'/booking/selectjob/',
            data:{
                'cid':jobtype,

            },
            dataType:'json',
            success:function (data) {
                $("#stname").empty();
                for (i=0;i<data.stud.length;i++)
                {
                    $("#stname").append('<option value=' + data.stdid[i] + '>' + data.stud[i] + '</option>');
                }
            }
        })

    })

    $("#stname").change(function () {
        var optionselect=$(this).find("option:selected");
        var name=optionselect.text();
        $.ajax({
            url:'/booking/selectjobamt/',
            data:{
                'cid':name,

            },
            dataType:'json',
            success:function (data) {
                $("#third").empty();
                for (i=0;i<data.stud.length;i++)
                {
                    $("#third").append('<option value=' + data.stdid[i] + '>' + data.stud[i] + '</option>');
                }
            }
        })

    })
</script>

</center>
</body>
</html>
{% endblock %}

```