

**DIGITAL BUSINESS CARD**  
**Sathyabama Institute of Science and Technology**  
**(Deemed to be University)**

Submitted in partial fulfillment of the requirements for the award of  
Bachelor of Technology Degree in

Information Technology

By

**PAVITHRAPRIYA.K (38120056)**



**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**SCHOOL OF COMPUTING**  
**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGYUNIVERSITY**  
**JEPPIAAR NAGAR, RAJIV GANDHI SALAI,**  
**CHENNAI – 600119. TAMILNADU.**

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**SATHYABAMA UNIVERSITY**  
(Established under Section 3 of UGC Act, 1956)  
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600119  
[www.sathyabamauniversity.ac.in](http://www.sathyabamauniversity.ac.in)



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## **SCHOOL OF COMPUTING**

### **BONAFIDE CERTIFICATE**

This is to certify that this Professional Training Report is the bonafide work of PAVITHRAPRIYA.K (Reg. No. 38120056.) who underwent the professional training in “DIGITAL BUSINESS CARD” under our supervision from JULY 2020 to JAN 2021.

#### **Internal Guide**

**Dr. R.SUBHASHINI M.E., Ph.D.,**

#### **Head of the Department**

**Dr. R.SUBHASHINI M.E., Ph.D.,**

---

**Submitted for Viva voce Examination held on\_\_\_\_\_**

**Internal Examiner**

**External Examiner**

## **DECLARATION**

I, PAVITHRAPRIYA.K (Reg. No. 38120056) hereby declare that the Professional Training Report on “**DIGITAL BUSINESS CARD**” done by me under the guidance of DR.R.SUBHASHINI ME., Ph.D., at Sathyabama university is submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering degree in Computer Science and Engineering.

**DATE: 22/01/2021**

**PLACE: CHENNAI**

**SIGNATURE OF THE CANDIDATE**

## **ACKNOWLEDGEMENT**

I am pleased to acknowledge my sincere thanks to Board of Management of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to Dr. T.Sasikala M.E., Ph.D, Dean, School of Computing ,Dr.R.SUBHASHINI M.E., Ph.D. , Head of the Department of Information and Technology for providing me necessary support and details at the right time during the progressive reviews.

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I wish to express my thanks to all Teaching and Non-teaching staff members of the Department of Information Technology who were helpful in many ways for the completion of the project.

## TRAINING CERTIFICATE



## CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT  
**PAVITHRAPRIYA K**  
HAS SUCCESSFULLY COMPLETED  
**MY SQL**

DATE: 28/03/2020

CERTIFICATE NUMBER: 57RXU1C7O6A38Y0885

\*THIS CERTIFICATE IS AUTO GENERATED

  
**S.P. BALAMURUGAN**  
CO-FOUNDER AND CEO

## CERTIFICATE OF COMPLETION

*This is to certify that*

**Pavithra Priya**

has successfully completed her Internship with us on post of  
**Website Developer**

**ASK IN CITY**  
By Starox Groups



  
Director (Authorized Signatory)  
Highpatchers Private Limited  
U72900UP2018PTC111446

**Thank You!**

2nd floor, C 14/175 -3 -1, Amar Nagar, Sonia Rd, Sagra, Varanasi, U.P., 221010  
Support@AskInCity.com +91- 9554271743

*Original Copy*  
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## ABSTRACT

The **Digital Business Card** is a website that act as linkedIn profile, etc. This card is mainly used to avoid unsecured sharable information which is very securable and encrypted. Its can handle by user easily and edit the profile when they need. This project is useful for all kind of professional peoples and which has mainly avoid visiting card system. Two types of people play roles those are admin and user. The purpose of admin is to give resolution for if facing any technical issues, etc. The user can give information about work place, achievements, testimonials, etc. Main feature of this project, users can connect them whatsapp, Instagram and any other social medias directly. The totally 12 buttons are exists in that project and each button has specific features. The user can select the theme and share as they wish. This website is using by PHP (YII2 framework), DBMS, CSS, HTML, BOOTSTRAP4. The advantage of this project to save time, secured and effective.

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## **LIST OF SYMBOLS AND ABBREVIATIONS**

|      |   |                               |
|------|---|-------------------------------|
| HTML | - | HYPER TEXT MARKUP LANGUAGE    |
| CSS  | - | CASCADING STYLE SHEET         |
| PHP  | - | HYPertext PREPROCESSOR        |
| GUI  | - | GRAPHICAL USER INTERFACE      |
| YII2 | - | PHP FRAMEWORK                 |
| CRUD | - | CREATE READ UPDATE AND DELETE |

# **CHAPTER 1**

## **INTRODUCTION**

### **1.1 GENERAL**

The Digital Business Card is website that act as profile. This Business card is saving time and secure. Each and every step is simple and user can enter the details easily. The first step must do fill all the users after complete the registration one accomplishment will generate automatically which is secure. After get that accomplishment user go to login to the page from preventing unauthorized people to go inside the another page. One dashboard has created which is for hold all the features of this fields. If new user should enter them details according to that fields. Main feature of this card is only user can edit and delete existing details. Others cannot do modifies and even never go to the dashboard.

This card is useful for all the peoples which is very efficient and secured. After all the fields are completed and can view the card by user. The user can select the themes which has 16 types of module. As the user wish they can select the themes which has contain the feature of share to others and direct connection of social medias. So this digital business card is comfortable and compatible usage for users.

### **1.2 OBJECTIVE**

The objective of this application is that it saves time, simple and efficient instead of shows visiting usage. It is mainly to avoid scared about personal information to share others. This card is prevent unwanted data missing and data loses. The user can handle this card is very easily and simply.

## 1.3 OVERVIEW OF THE PROJECT

We have developed the system in such a way that it can be used efficiently by all the users. Let's Assume all the webpages and logics related to admin and users as separate modules. We have two modules and each of these modules have their own unique functions. Important thing is that it is not designed for particular type peoples. This card can help all the users to access their own personal details through internet or intranet that means anytime and anywhere. We wanted to create a tool that fits into modern age, but still stays true to the “**concepts of studying**”. So, this process also helps in maintaining consistency and integrity. The users can readily store and retrieve their data through online. This system helps the user to generate the dynamic legwork.

## CHAPTER 2

### AIM AND SCOPE

#### 2.1 AIM

The main motive of designing of this website is that it saves the time of Users. When the details of a particular user details are needed for the upcoming days, users must go and create a details. As the details of the users are maintained in a same page, in our card provide all the user information such as user id, user name, date of creation and date of update and an info with which user knows update date. All the user details are available in database so it is easy for the user to retrieve all the details of the user, if any user faces any network issue. The main aim of this project is to achieve a customized way to manage the all information in a precise manner.

## **2.2 PROJECT SCOPE**

The main aim of this project is to achieve a customized way to manage the user information in a precise manner. In this paper we present a digital business card that gives few but important features that must be provided to a user over the internet. This card contains each and every data regarding users academic and personal details which really can't be updated by the others and but can be viewed by the other what is kept in theme page.

## **2.3 PROBLEM STATEMENT**

The professional peoples are need to share their information to client. On that time, they can send each requirement for separate social medias or they used to give visiting card but it is not hold all the information and it's not secure. For overcome this problem the project as to create digital business card. It hold all the requirements and kept easily by user.

## **2.4 EXISTING SYSTEM**

My professional knowledge and research in two field first: develop and study the scheduling problem or related problem, stander for e learning course, consistency for e learning course, e learning with web 2 impact. Abstract digital card problem is defined in many areas and it's hard to solve, because it includes many constraints that should be solved. A visiting card has been keeping difficult, and it's hard to be solved. Because each professional person are facing this problem.

## **2.5 DISADVANTAGE OF CURRENT SYSTEM**

- Takes a lot of time.
- Resembles like a complex problem while keep information securely.
- Less Accurate.
- Not capable to contain all the information.
- Separate social media required.
- High complexity and additional setting efforts.
- Not Secure

## **2.6 ADVANTAGES OVER CURRENT SYSTEM**

- Easy to handle and operate.
- Friendly interface.
- Fast and convenient.
- Easy to update.
- Easy message passing.
- Smart way of communication
- No paper work required.
- secure

## **CHAPTER 3**

### **SYSTEM IMPLEMENTATION**

#### **3.1 OVERVIEW**

The fundamental idea behind my project is to create a website that would make greater this easier. I wanted to create a tool that fits into modern age, but still stays true to the concepts of studying. Following is the detail of different modules of my project.

#### **3.2 FIELDS REQUIREMENT**

There are many portal systems that are developed. But This card is very easy to handle and secure. Comparatively other methods this card won all testing system. This card had to be contain 12 buttons from that about me, testimonials, education, products, payment links, contact details and skills.

- **About me**

In this fields hold all the basic information of users. The user should give the information like name, phone no, gender etc. After fill the fields its reflected that page itself.

- **Testimonials**

In this fields hold all the information regarding the testimonials. Each and every number of testimonials should able to reflect to another page. The user can edit and delete in anytime and anywhere.

- **Education**

In this fields hold all the information about the user education and course completion details. Once the details enter which will be reflect to other page. The user can edit and delete.

- **Products**

In this field hold all the information about if the user sell any product doing any services which information coming under this fields.

- **Skills**

In this field hold all the information about the user skills. Once the details enter the page which reflect to other page. The user can edit& delete the existing skills.

- **Payment links**

In this field hold all the information about the ways of pay the payment And links. After enter every link which has to be reflect to another page.

- **Contact details**

In this field hold all the information about contact details of user like Phone number, what's app number, face book id and so on. After fill the details which will reflect within that page.

### **3.3 THEMES SYSTEM**

We have developed the system in such a way that it can be used efficiently by the user. Sixteenth type of themes is available in this card. The user can select the theme as they wish. If this select the theme which show all the basic requirement information about the corresponding user.

### **3.4 SUMMARY**

The main aim of this project is to achieve a customized way to manage the user information in a precise manner. In this paper we present a digital business card that gives few but important features that must be provided to a user over the internet. This card contains each and every data regarding users academic and personal details which really can't be updated by the others and but can be viewed by the other what is kept in theme page.

## **CHAPTER 4**

### **SYSTEM ANALYSIS AND DESIGN**

#### **4.1 GENERAL**

##### **4.1.1 PHP**

PHP is a widely used open-source general-purpose scripting language that is especially suited for web development and can be embedded in HTML. PHP scripts are executed on the server.

##### **4.1.2 USER INTERFACE (UI)**

The user interface (UI) is the point of human-computer interaction and communication in a device. This can include display screens, keyboards, a mouse and the appearance of a desktop. It is also the way through which a user interacts with an application or a website

#### **4.2 SOFTWARE USED**

##### **4.2.1 CODE EDITOR USED**

## **VISUAL STUDIO CODE**

Visual Studio Code is a source-code editor developed by Microsoft for Windows, Linux and Mac OS. It includes support for debugging, embedded Git control and GitHub, syntax highlighting, intelligent code completion, snippets, and code refactoring.

### **4.2.2 PROGRAMMING LANGUAGE USED**

#### **HTML5**

Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript

#### **CSS**

Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS describes how elements should be rendered on screen, on paper, in speech, or on other media.

#### **BOOTSTRAP**

Bootstrap is a framework to help you design websites faster and easier. It includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels, etc.

#### **4.2.3 FRAMEWORK USED**

##### **YII2 FRAMEWORK**

YII is an open source, object-oriented, component-based MVC PHP web application framework. Utilizes Modern Technology, YII is a pure OOP framework and takes advantages of some of PHP's more advanced. It is built around the Model-View-Controller composite pattern. YII provides secure and professional features to create robust projects rapidly.

#### **4.3 SYSTEM REQUIREMENT**

- Operating System: Windows/Mac
- RAM: 4GB
- Processor: 64x 1.0Ghz processor
- ROM: 8GB

#### **4.4 PROJECT DESCRIPTION**

The project aims at to save data and mainly useful to instead of using visiting card or any insecure social media. I have written a program using PHP framework for security purpose. I have created migration for database table to store information of users. I have created default theme for user which will show what are the data have given by user. After done all the steps at last the URL will be generated for each user with respect to the username because username is unique. By send the URL to others, they can view their corresponding user digital card but the other cannot modify anything in that theme which is best usage of this project. These all done by PHP framework by create separate file. Each file has saved with

extension of 'module. PHP'. The user interface developed using bootstrap is then opened.

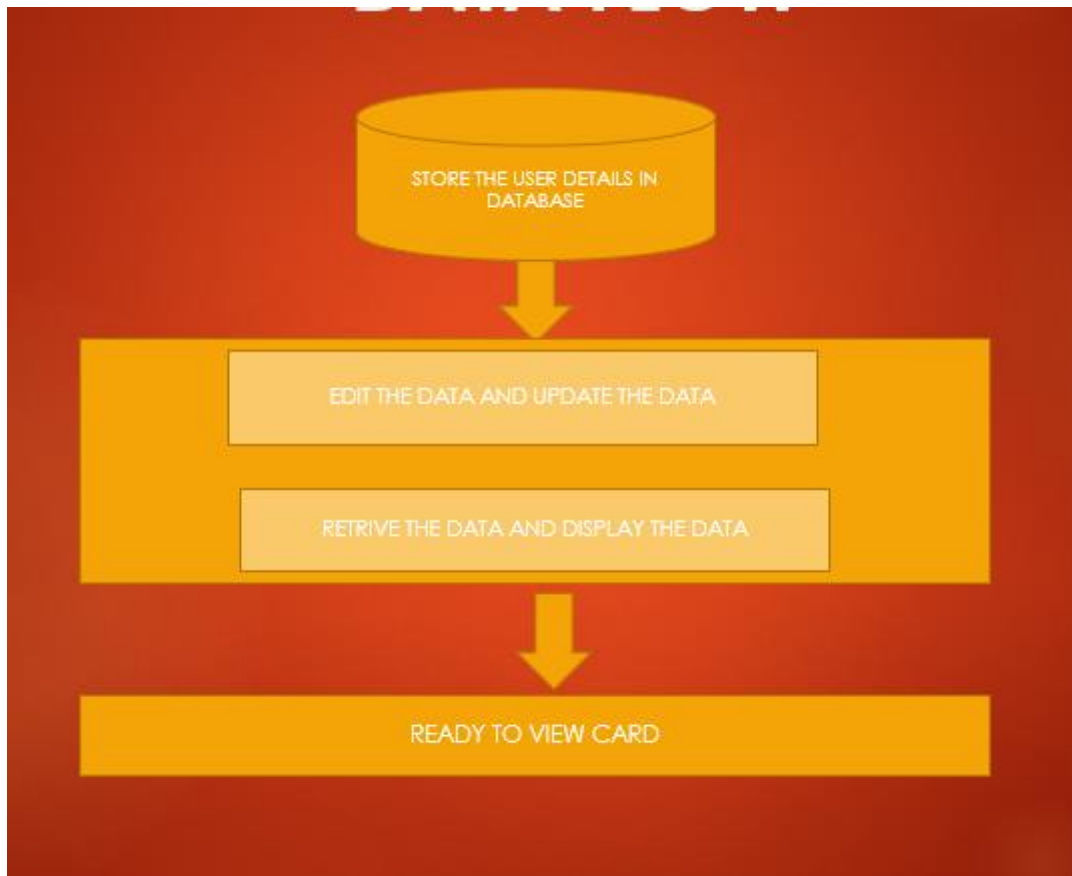


FIGURE 3.1 DATA FLOW

## **CHAPTER 5**

### **CONCLUSION AND FUTUTE WORK**

#### **5.1 PROJECT OUTLOOK**

Digital business card is capable of managing each and every data regarding user personal details, academics etc. digital business card helps us in managing in an extremely efficient way. We have two modules in this project. One is admin, and another one is user. Admin can maintain the monitor of user and user can update their details and view with the help database. Admin module can't edit their personal detail. User module can edit their password and details their own.

#### **5.2 CONCLUSION**

To implement this system is best than current visiting card method. The main aim of this project is to achieve a customized way to manage the user information in a precise manner. In this paper we present a digital business card that gives few but important features that must be provided to a user over the internet. This card contains each and every data regarding users academic and personal details which really can't be updated by the others and but can be viewed by the other what is kept in theme page.

#### **5.3 FUTURE WORK**

This Digital business card technology can stipulate university growth and development. The scope magnitude of change that are occurring in department today are both exciting and daunting, very particularly we are contemplating how

we will manage the many streams of technological innovations pouring into our department and networked information world. All the social medias combine to create one. These modules cover all the activities required to manage user details regarding the personal information. user can view and administrator can monitor those details. This is the research report of 'DIGITAL BUSINESS CARD' which has to design in order to accomplish the aim of this project. The main reason behind this production is to make secure all the information in an efficient way. This card is very useful for the user for monitoring their details from the management. The user can view their details and modify as they need.

## REFERENCES

- [1] <https://www.yiiframework.com/doc/api/2.0>
- [2] <https://www.yiiframework.com/news?year=2020>

## APPENDIX

### SOURCE CODE

*Contact.php(view)*

*<?php*

*use yii\helpers\Html;*

*use yii\grid\GridView;*

```

$this->title = 'Contacts';
$this->params['breadcrumbs'][] = $this->title;
?>
<div class="contact-index">

    <h1><?= Html::encode($this->title) ?></h1>

    <p>
        <?= Html::a('Create Contact', ['create'], ['class' => 'btn btn-
success']) ?>
    </p>

    <?= GridView::widget([
        'dataProvider' => $dataProvider,
        'columns' => [
            ['class' => 'yii\grid\SerialColumn'],

            'id',
            'phone',
            'email:email',
            'whatsapp',
            'address',

            ['class' => 'yii\grid\ActionColumn'],
        ],
    ]),

```

```
]); ?>
```

```
</div>
```

```
Contact.php(view)
```

```
<?php
```

```
use yii\helpers\Html;
```

```
use yii\grid\GridView;
```

```
/* @var $this yii\web\View */
```

```
/* @var $dataProvider yii\data\ActiveDataProvider */
```

```
$this->title = 'Contacts';
```

```
$this->params['breadcrumbs'][] = $this->title;
```

```
?>
```

```
<div class="contact-index">
```

```
<h1><?= Html::encode($this->title) ?></h1>
```

```
<p>
```

```
<?= Html::a('Create Contact', ['create'], ['class' => 'btn btn-  
success']) ?>
```

```
</p>
```

```

<?= GridView::widget([
    'dataProvider' => $dataProvider,
    'columns' => [
        ['class' => 'yii\grid\SerialColumn'],

        'id',
        'phone',
        'email:email',
        'whatsapp',
        'address',

        ['class' => 'yii\grid\ActionColumn'],
    ],
]); ?>

```

```

</div>

```

*Contact.php(query)*

```

<?php

```

```

namespace common\models\query;

```

```

/**

```

```

 * This is the ActiveQuery class for [[\common\models\Contact]].

```

```

*
* @see \common\models\Contact
*/
class ContactQuery extends \yii\db\ActiveQuery
{
    /**public function active()
    {
        return $this->andWhere('[[status]]=1');
    }*/

    /**
     * {@inheritdoc}
     * @return \common\models\Contact[]|array
     */
    public function all($db = null)
    {
        return parent::all($db);
    }

    /**
     * {@inheritdoc}
     * @return \common\models\Contact|array|null
     */
    public function one($db = null)
    {
        return parent::one( $db );
    }
}

```

}

## SCREEN SHOTS

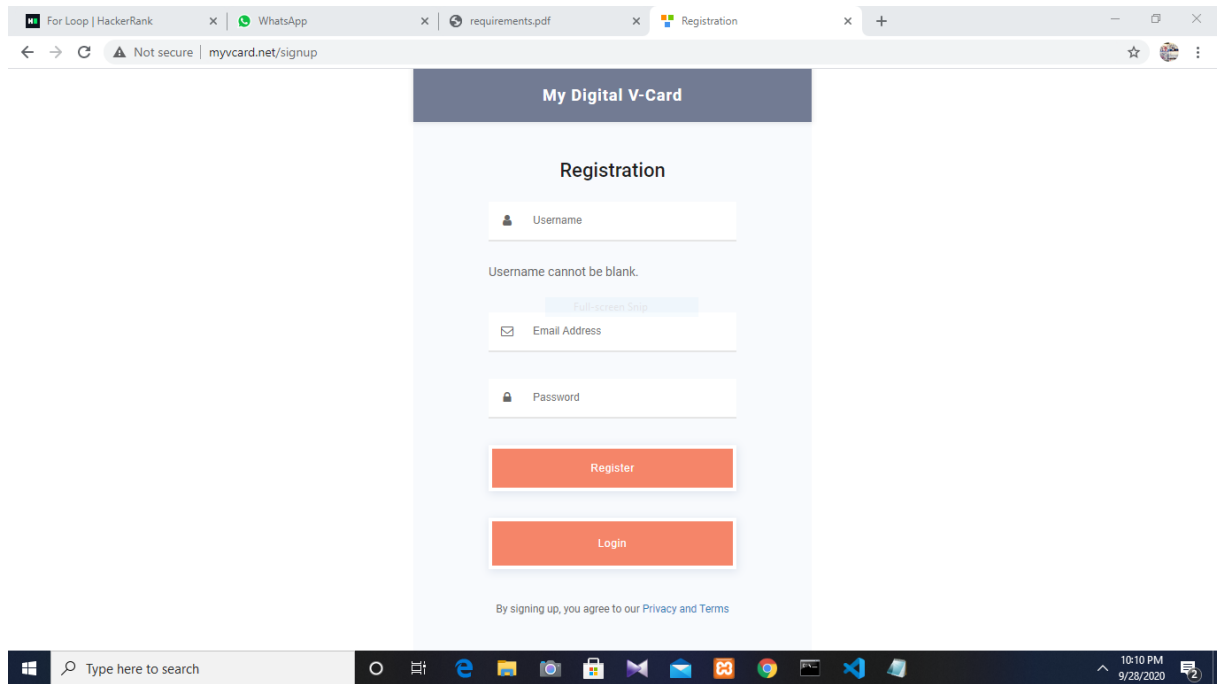
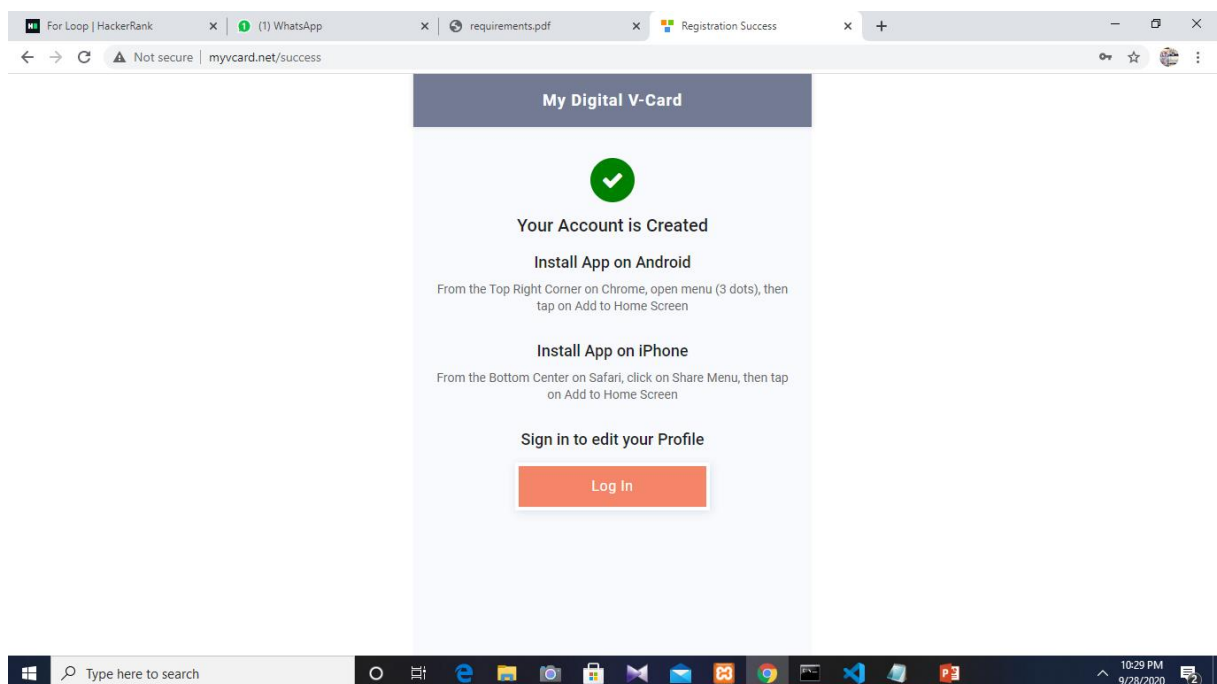
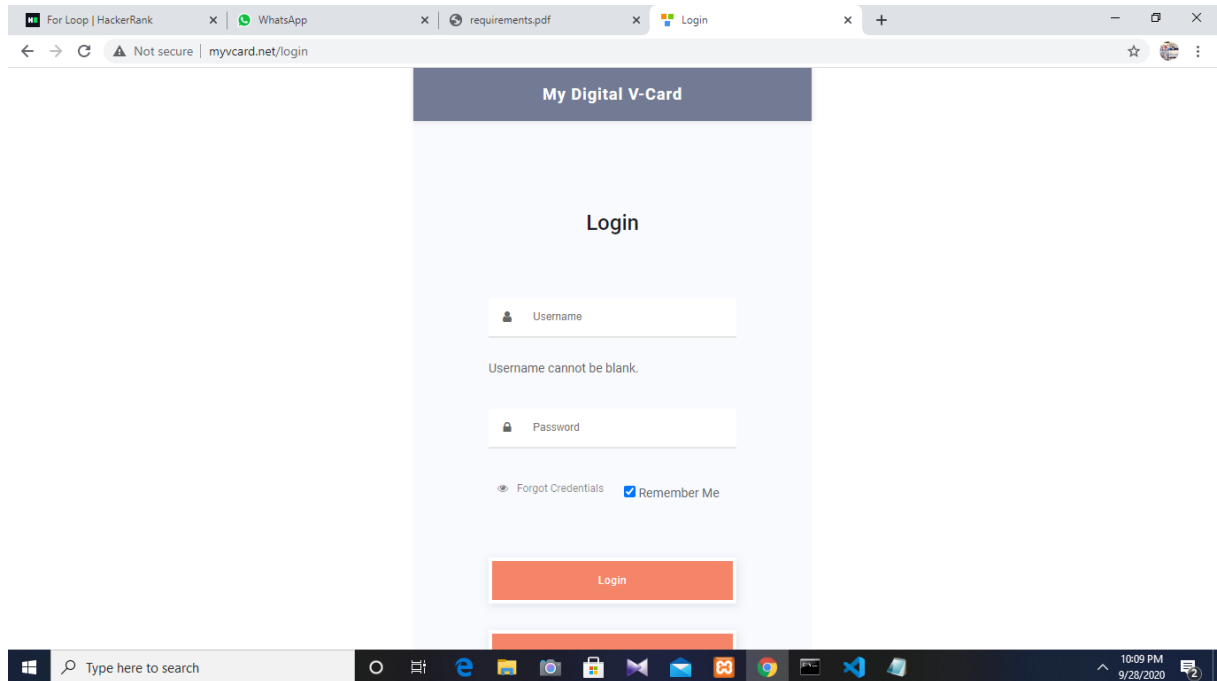


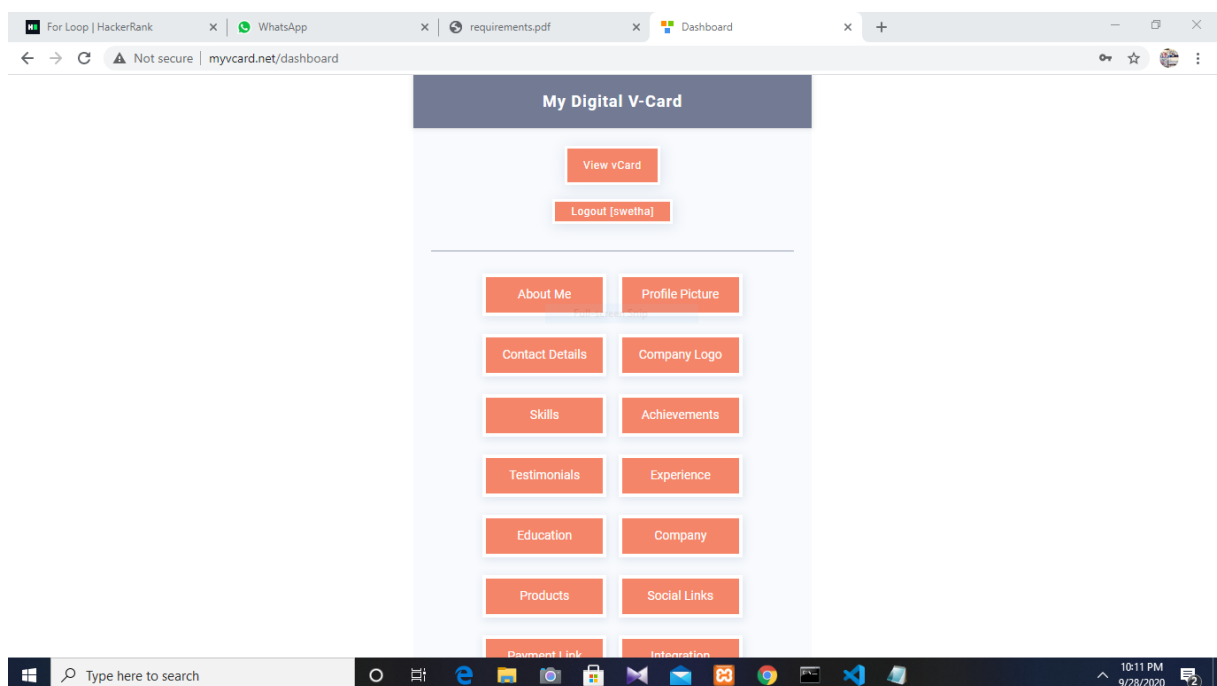
FIGURE 5.1 REGISTRATION



**FIGURE 5.2 ACCOMPLISHMENT**



**FIGURE 5.3 LOGIN**



**FIGURE 5.4 DASHBOARD**

The image shows a web interface titled "My Digital V-Card" in a dark blue header. Below the header, the section "About Me Update" is centered. The form contains several input fields: a text field with "Pavithrapriya", a text field with "k", a text field with "student" next to a light blue button labeled "Rectangular Snip", a large text area containing "I am pursing 3rd year it." with a double-slash icon at the bottom right, a text field with "https://youtube.com", and a text field with "www.project.com". Below these fields is a wide orange "Submit" button. At the bottom of the page, separated by a horizontal line, is a dark blue button labeled "Dashboard".

**My Digital V-Card**

**About Me Update**

Pavithrapriya

k

student Rectangular Snip

I am pursing 3rd year it.

https://youtube.com

www.project.com

**Submit**

**Dashboard**

**FIGURE 5.5 ABOUT ME**

**My Digital V-Card**

**Contact Details Update**

Phone :

9189824363

Email :

k.pavithrapriya286@gmail.com

Whatsapp :

8189824363

Address :

22,6th street ,Anna Nagar , Bangalore

Skype :

http://skypeid.com

FB Page Messenger URL :

https://pavi.com

Submit

**FIGURE 5.6 CONTACT DETAILS**

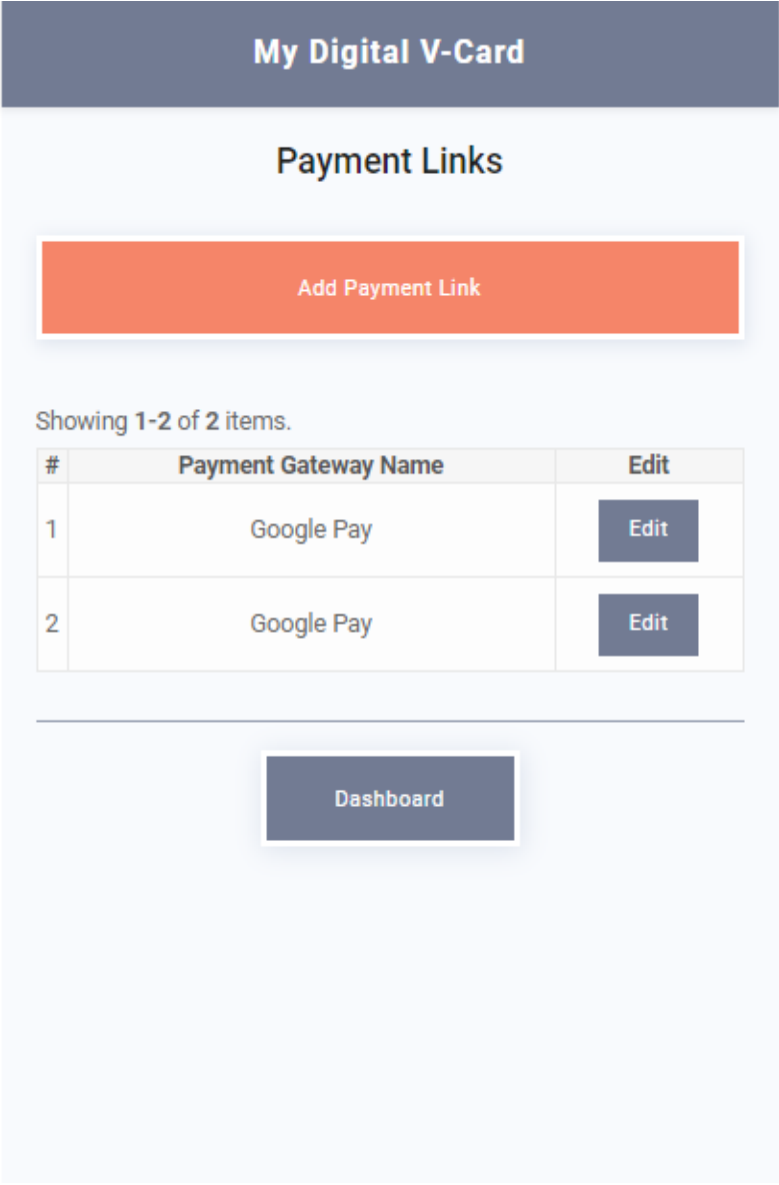


FIGURE 5.7 PAYMENT LINKS

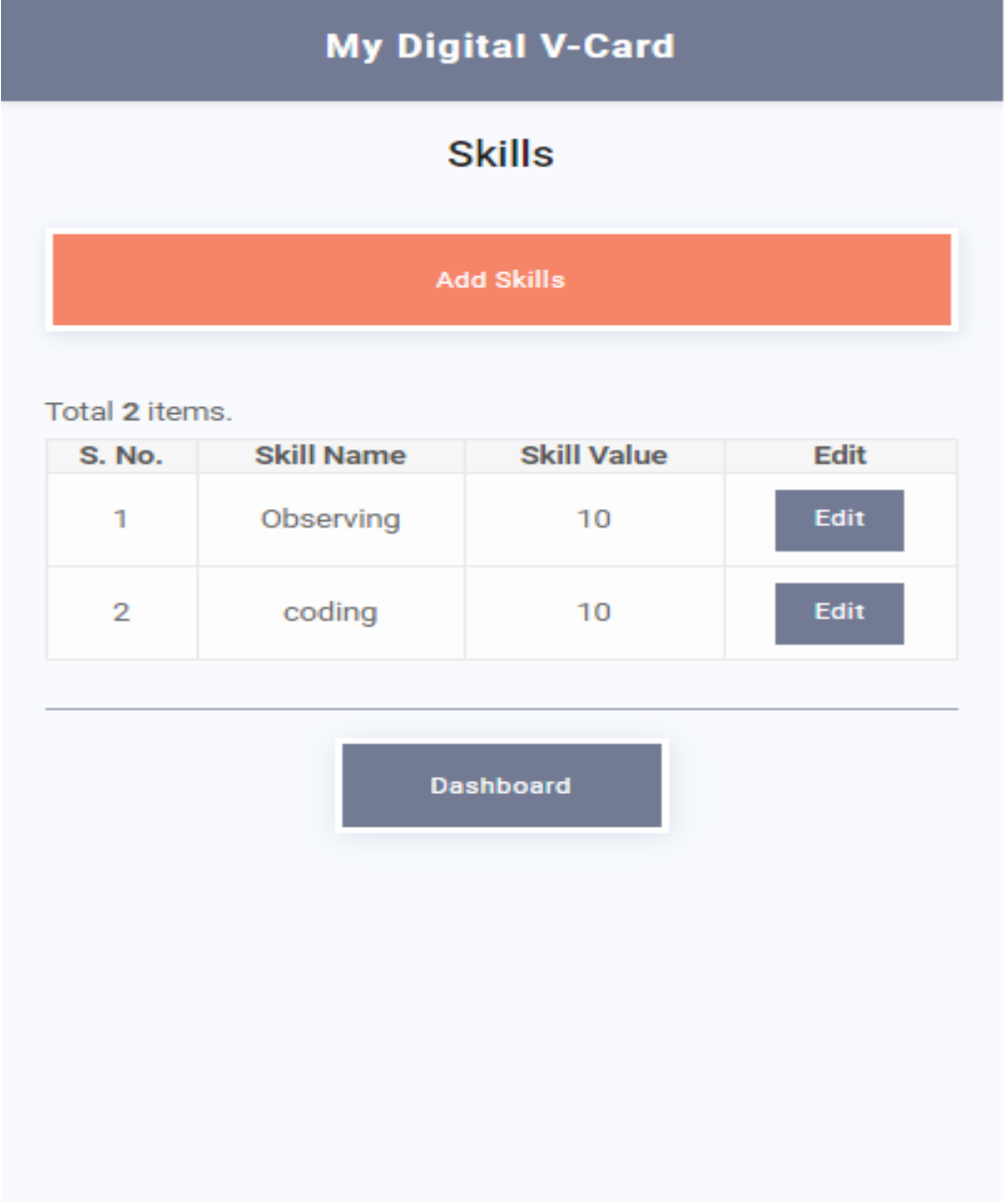


FIGURE 5.8 SKILLS

My Digital V-Card

Testimonial

Add Testimonial

Showing 1-1 of 1 item.

| S. No. | Name | Tagline | Description                      | Edit |
|--------|------|---------|----------------------------------|------|
| 1      | PHP  | GUVI    | Easy to learn and understandable | Edit |

Dashboard

FIGURE 5.9 TESTIMONIALS

My Digital V-Card

Product

Add Product

Showing 1-1 of 1 item.

| # | Social Gateway Name | Short Description                        | Edit |
|---|---------------------|------------------------------------------|------|
| 1 | Digital v-card      | Crucial product for professional peoples | Edit |

Dashboard

FIGURE 5.10 PRODUCT

### My Digital V-Card

#### Education Links

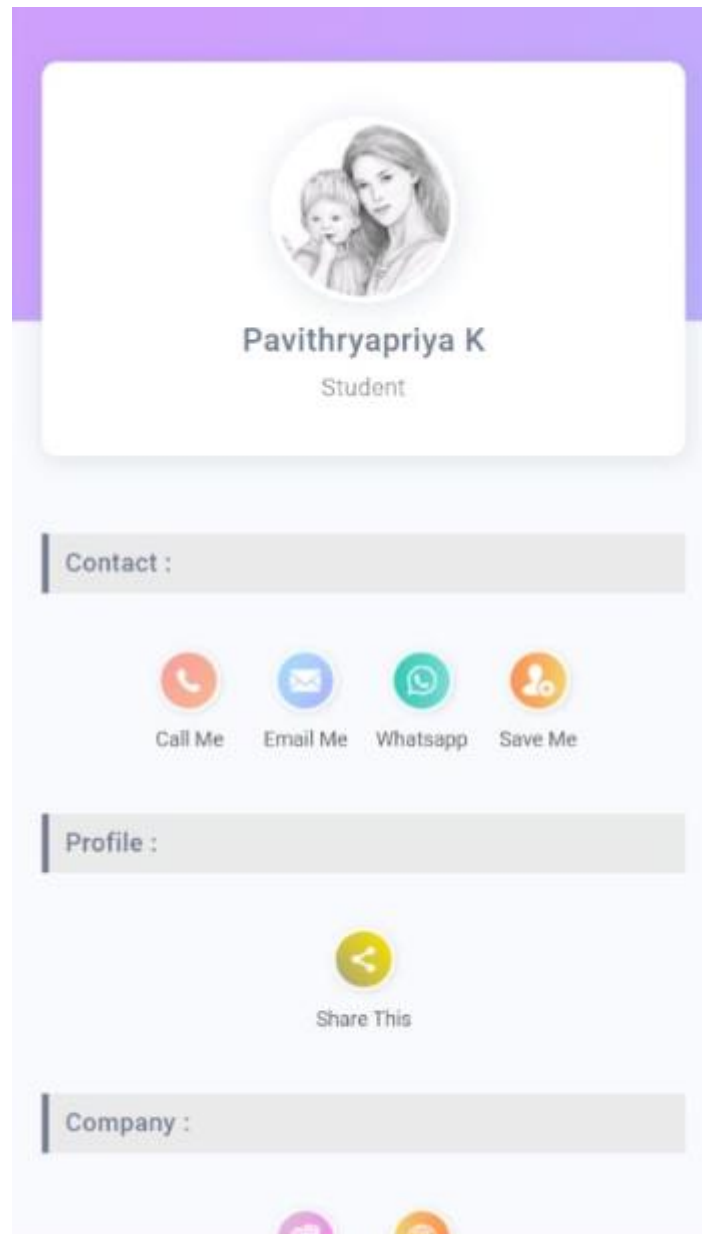
Add Education Link

Showing 1-1 of 1 item.

| # | Name                                     | Duration  | Description        | Edit |
|---|------------------------------------------|-----------|--------------------|------|
| 1 | Government Girls Higher secondary school | six years | very best school . | Edit |

Dashboard

FIGURE 5.11 EDUCATION LINKS



**FIGURE 5.12 THEMES**

