

GROWAGRO

A report submitted in partial fulfilment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION

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JUNE 2021

BONAFIDE CERTIFICATE

This is to certify that the project titled GROWAGRO is a bonafide record of the work done by

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in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING of the INDIAN INSTITUTE OF INFORMATION TECHNOLOGY UNA, HIMACHAL PRADESH, during the year 2018 - 2022.

under the guidance of
DR. NEHA SHARMA

Internship viva-voce held on: 22_June_2021

Examiner (Dr. Neha Sharma)

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ABSTRACT

GrowAgro is a web-based application which enables farmers to sell their crops/produce not only in their locality but everywhere in their state or country. Here farmers can sign up/sign in and fill the details of their crops and provide their contact details. Anyone who is willing to buy their produce can simply contact them.

The main objective of GrowAgro is to provide farmers a platform where they can share about their crops and its quality. It is just to help the farmers to grow their bussiness and get fair price for their produce which can only be achieved when they will have choices for selling their produce.

Keywords: Web app

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LIST OF ACRONYMS

HTML	HyperText Markup Language
JPA	Java Persistence API
CSS	Cascading Style Sheet

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Chapter 1

Introduction

1.1 Introduction

We all know that India is the country of farmers. According to All India Rural Financial Inclusion Survey, there are 100.7 million farmers in India. Now a days, farmers are bound to sell their farm produce in their local market and they do not even have choices to decide the price of their farm produce. As the buyers are limited and they have to sell their farm produce in order to have money, so they can not even stand against them. So if there exist a online platform where they can just enter their farm produce's details and anyone whether he/she is a vendor or not if willing to buy can contact them. And that is exactly we are here trying to achieve through GrowAgro.

1.2 Goal

The main objective of GrowAgro is to provide farmers a platform where they can share about their crops and its quality. It is just to help the farmers to grow their bussiness and get fair price for their produce which can only be achieved when they will have choices for selling their produce.

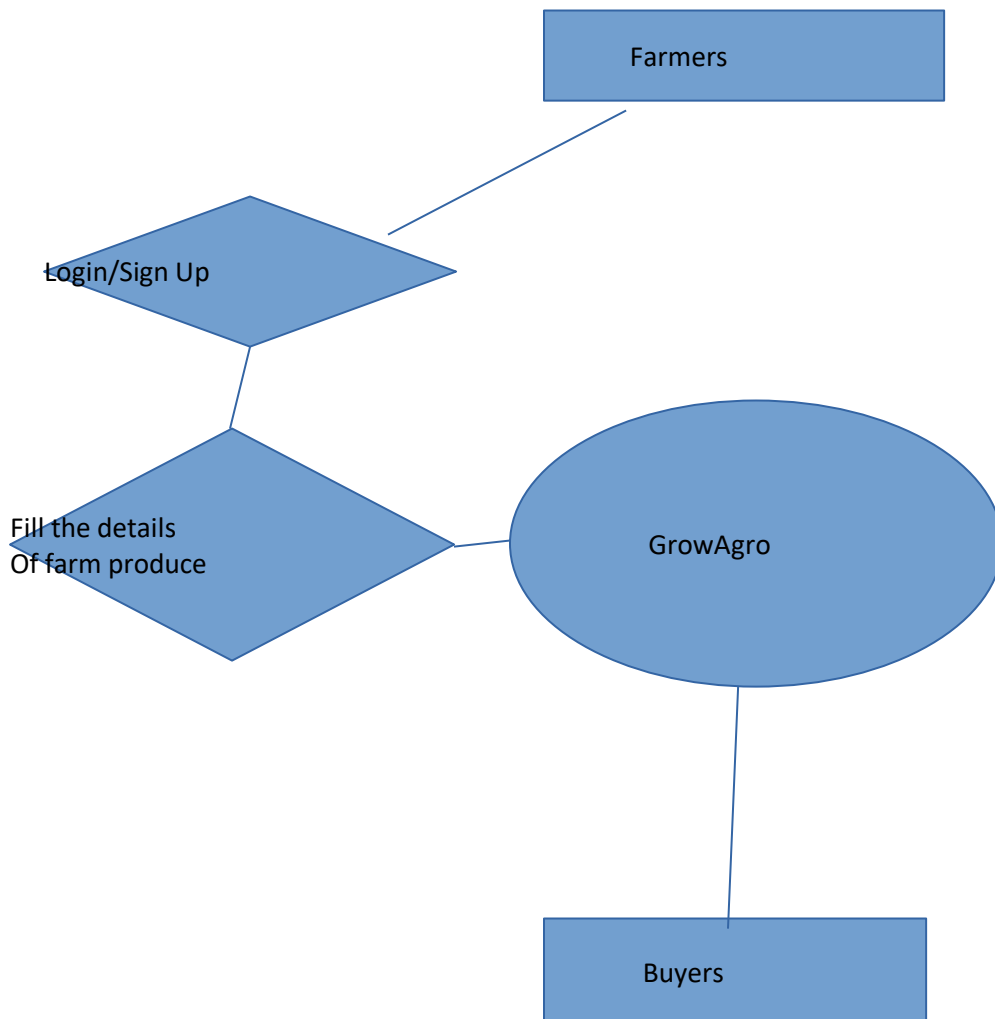
1.3 Software Requirements Specification

Serial Number	Description	Name
1	Operating System	Windows/ Linux
2	Language/Library/Framework	HTML, CSS, Bootstrap, Java, Spring Boot
3	Database	MySQL
4	IDE	VS Code, IntelliJ Idea
5	Browser	Mozilla Firefox

Chapter 2

GrowAgro

2.1 Designing and Planing



References

- [1] <https://www.javatpoint.com/>
- [2] <https://www.w3schools.com/>
- [3] Mozilla Developer Network
- [4] <https://www.udemy.com/course/spring-framework-5-beginner-to-guru/learn/lecture/17814670?start=0>

Appendix A

Code Attachments

The following is the partial / subset of the code. Code of some module(s) have been wilfully suppressed.

A.1 FrontEnd Code

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <title>GrowAgro</title>
    <meta content="width=device-width, initial-scale=1.0"
name="viewport" />
    <link href="lib/bootstrap/css/bootstrap.min.css" rel="stylesheet"
/>
    <!-- Libraries CSS Files -->
    <link href="lib/font-awesome/css/font-awesome.min.css"
rel="stylesheet" />
    <link href="lib/ionicons/css/ionicons.min.css" rel="stylesheet" />
    <link href="https://use.fontawesome.com/releases/v5.7.0/css/all.css"
integrity="sha384-
lZN37f5QGtY3VHgisS14W3ExzMWZxybE1SJSSEsQp9S+oqdl2jhcua+A56EbclzFSJ"
crossorigin="anonymous">
    <!-- Main Stylesheet File -->
    <link href="style.css" rel="stylesheet" />
  </head>
  <body id="page-top">
    <!--Nav Start-->
    <nav class="navbar navbar-b navbar-trans navbar-expand-md fixed-
top">
      <div class="container">
        <a class="navbar-brand js-scroll" href="#page-
top">GrowAgro</a>
        <button
          class="navbar-toggler collapsed"
          type="button"
          data-toggle="collapse"
          data-target="#navbarDefault"
          aria-controls="navbarDefault"
          aria-expanded="false"
          aria-label="Toggle navigation">
          <span></span>
        </button>
      </div>
    </nav>
  </body>
</html>
```

```

        <span></span>
        <span></span>
        </button>
        <div
            class="navbar-collapse collapse justify-content-end"
            id="navbarDefault"
            >
            <ul class="navbar-nav">
                <li class="nav-item">
                    <a class="nav-link js-scroll active"
href="#home">HOME</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link js-scroll" href="#about">ABOUT
US</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link js-scroll"
href="#background">LOGIN</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link js-scroll" href="#What-We-
Do">WHAT WE DO</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link js-scroll" href="#CONTACT
US">CONTACT US</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link js-scroll" href="#">PRODUCTS</a>
                </li>
            </ul>
        </div>
    </div>
</nav>
<!--Nav End -->

<!--Home Section Start -->
<section id="home" class="intro bg-image">
    <div class="overlay-mf2"></div>
    <div class="container intro-container">
        <h1 >GrowAgro</h1>
        <h3 >Far far away, behind the word mountains </h3>
        <br><br>
        <br>
    </div>
</section>
<!--Home Section End-->

<!-- About Section Start -->
<section id="about" class="paralax-mf bg-image">
    <div class="overlay-mf"></div>
    <div class="container about-container">
        <div class="about-container-div">

            <h5 >About US</h5>

```

```

        <br>
    </div>
    <div class="about-paragraph">
        <p class="white-text">
            Holmes Brothers Farm is family-owned and operated,
growing high quality hops,
            produce, and pasture-raised meats, located in the
mountains of Western North Carolina. We are craftsmen and cultivators of
the land,
            creating a place we call home, and sharing our journey
with others.</p>
        <br>
        <span><i class="fa fa-quote-right"></i></span>
    </div>
</div>
</section>

<!-- About Section End -->
<br><br>

```

```

<!-- Sign Up Section Starts -->
<section id="background">
    <h3 class="background-heading">
        Sign Up
    </h3>
    <br>
    <div class="container container-margin">
        <div class="row">
            <div class="col-md-6">
                <div class="service-box">
                    <h5 class="background-heading1" >For Farmers </h5>
                    <p>Want to sell your produce to the right
                        vendor. Just log in and explore.
                    </p>
                    <br><br>
                    <a href="#" id="get-button1">SignUp As Farmer</a>
                    <br><br>
                    <p>Already have an account? <a href="#LOGIN"
style="color: green;font-weight: bold;">Login</a></p>
                </div>
            </div>
        </div>
    </div>
</section>
<!-- SignUp Section Ends -->

```

```

<!-- What We Do Section Start -->
<section id="What-We-Do" class="paralax-mf bg-image">
    <div class="overlay-mf"></div>
    <div class="container about-container">
        <div class="about-container-div">

            <h5 >What We Do</h5>

```



```

        <br>
    </div>
    <div class="about-paragraph">
        <p class="white-text">
            We connect farmers to the right vendor and help them to
            sell their produce in all over india.
        </p><br>
        <span><i class="fa fa-quote-right"></i></span>
    </div>
</div>
</section>
<!-- What We Do Section End -->

<!-- Footer Start -->

    <section id="footer">
<footer class="page-footer font-small mdb-color pt-4">
    <div class="container text-center text-md-left">

        <div class="row text-center text-md-left mt-3 pb-3">

            <div class="col-md-3 col-lg-3 col-xl-3 mx-auto mt-3">
                <h6 class="text-uppercase mb-4 font-weight-bold">GrowAgro</h6>
                <p>A platform where you can sell your products anywhere in
India.</p>
            </div>

            <hr class="w-100 clearfix d-md-none">

            <hr class="w-100 clearfix d-md-none">

            <hr class="w-100 clearfix d-md-none">

            <div class="col-md-4 col-lg-3 col-xl-3 mx-auto mt-3">
                <h6 class="text-uppercase mb-4 font-weight-bold">Contact</h6>
                <p>
                    <i class="fas fa-home mr-3"></i> New York, NY 10012, US</p>
                <p>
                    <i class="fas fa-envelope mr-3"></i> info@gmail.com</p>
                <p>
                    <i class="fas fa-phone mr-3"></i> + 01 234 567 88</p>
                <p>
                    <i class="fas fa-print mr-3"></i> + 01 234 567 89</p>
            </div>

        </div>
        <hr>
        <div class="row d-flex align-items-center">
            <div class="col-md-7 col-lg-8">
                <p class="text-center text-md-left">© 2020 Copyright:
                <a href="https://mdbootstrap.com/">
                    <strong> GrowAgro.com</strong>

```

```

        </a>
    </p>

</div>
<div class="col-md-5 col-lg-4 ml-lg-0">

    <!-- Social buttons -->
    <div class="text-center text-md-right">
        <ul class="list-unstyled list-inline">
            <li class="list-inline-item">
                <a class="btn-floating btn-sm rgba-white-slight mx-1">
                    <i class="fab fa-facebook-f"></i>
                </a>
            </li>
            <li class="list-inline-item">
                <a class="btn-floating btn-sm rgba-white-slight mx-1">
                    <i class="fab fa-twitter"></i>
                </a>
            </li>
            <li class="list-inline-item">
                <a class="btn-floating btn-sm rgba-white-slight mx-1">
                    <i class="fab fa-google-plus-g"></i>
                </a>
            </li>
            <li class="list-inline-item">
                <a class="btn-floating btn-sm rgba-white-slight mx-1">
                    <i class="fab fa-linkedin-in"></i>
                </a>
            </li>
        </ul>
    </div>

</div>
</div>
</div>

</footer>
<!-- Footer End-->

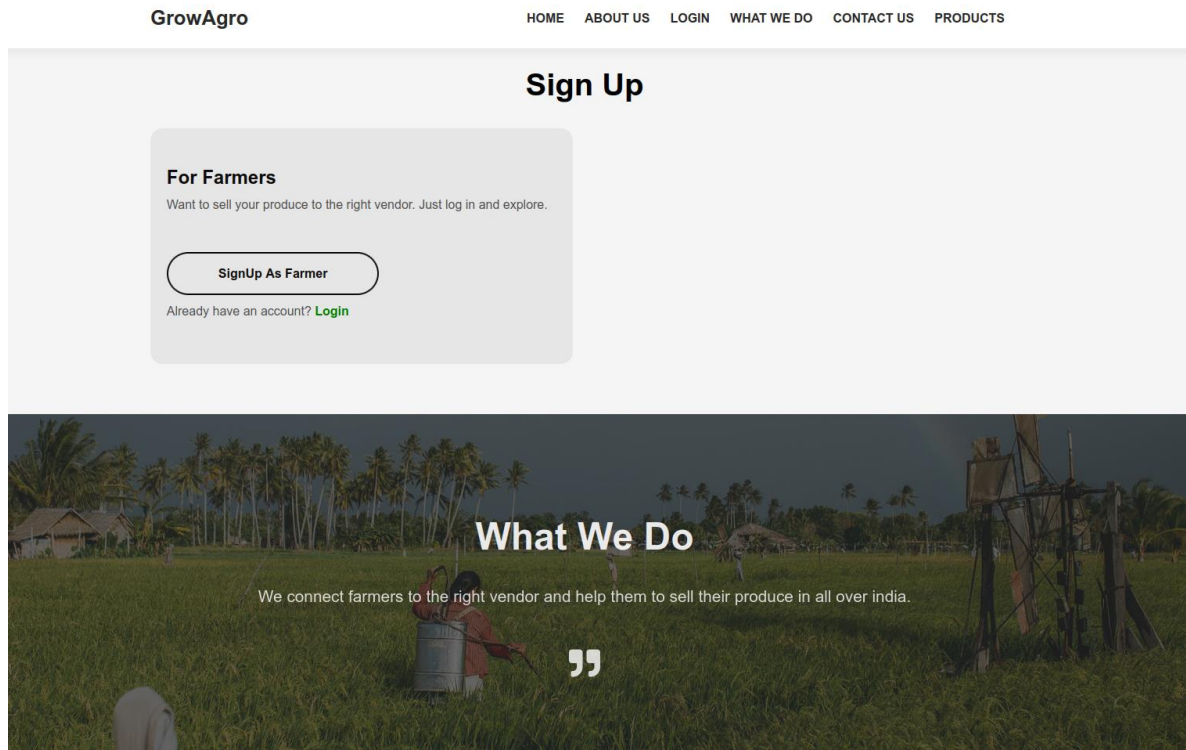
</section>
<!-- Projects Section Ends -->

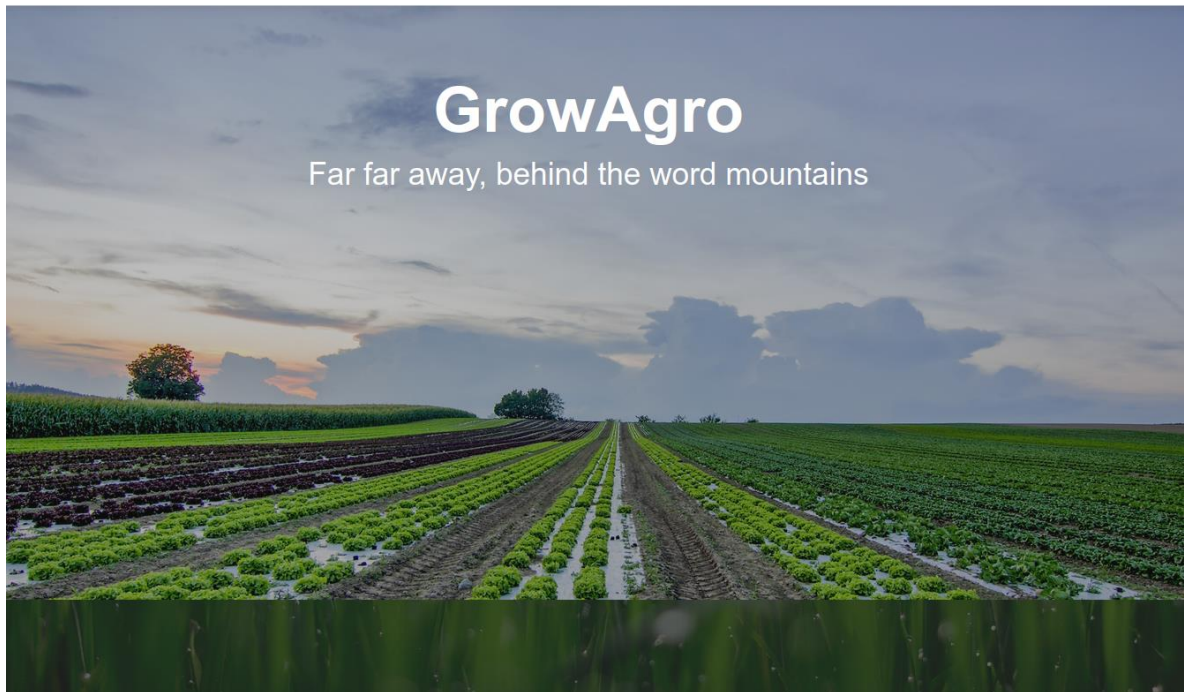
<!--/ Section Contact-footer End -->
<a href="#" class="back-to-top"><i class="fa fa-chevron-
up"></i></a>
<div id="preloader"></div>
<!-- JavaScript Libraries -->
<script
src="https://code.iconify.design/1/1.0.7/iconify.min.js"></script>
<script src="lib/jquery/jquery.min.js"></script>
<script src="lib/jquery/jquery-migrate.min.js"></script>
<script src="lib/popper/popper.min.js"></script>
<script src="lib/bootstrap/js/bootstrap.min.js"></script>
<script src="lib/easing/easing.min.js"></script>
<script src="lib/counterup/jquery.waypoints.min.js"></script>
<script src="lib/counterup/jquery.counterup.js"></script>

```

```
<script src="lib/owlcarousel/.carousel.min.js"></script>
<script src="lib/lightbox/js/lightbox.min.js"></script>
<!-- Template Main Javascript File -->
<script src="script.js"></script>
</body>
</html>
```

Output





Create Account

Continue

Already have an account? [Sign in](#)