

A‘  
Project Report On  
**“Internship”**  
(Under- “Industry Internship &Project” Track)  
Submitted  
in partial fulfillment of the requirements for the degree of  
**Bachelor of Technology**  
In  
**Electronics And Telecommunication Engineering**  
by  
**Ms. Snehal Prakash Pawar (1905024)**  
At  
**Blue Planet Info Solutions India Pvt Ltd**  
Under the Guidance of  
**Prof. V. S. Patil**



**Electronics And Telecommunication Department**  
K. E. Society's  
**Rajarambapu Institute of Technology, Rajaramnagar**  
(An autonomous Institute, Affiliated to Shivaji University)  
**2022-2023**

## CERTIFICATE

This is to certify that the project under Industry Internship & Project (IIP) track completed at “Blue Planet Info Solutions Pvt Ltd.” is the bona fide work submitted by the following student, to the Rajarambapu Institute of Technology, Rajaramnagar during the academic year 2022-23, in partial fulfillment for the award of the degree of B. Tech in Electronics And Telecommunications Engineering under our supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree.

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Date:

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# CERTIFICATE

**BLUE PLANET**  
INFOSOLUTIONS INDIA PVT. LTD.

**CERTIFICATE  
OF INTERNSHIP**

*This certifies that*  
***Snehal Prakash Pawar***  
*has completed Internship as*  
***Php Intern***  
*During her tenure, from 2023-01-01 to 2023-05-30 ,*  
*we found her sincere, hardworking, dedicated & result*  
*oriented. She worked well as a part of the team.*  
*We take this opportunity to thank her & wish her all*  
*the very best for her future endeavours.*

**15-Jun-2023**  
DATE



  
FOUNDER & CEO

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## DECLARATION

I declare that this report reflects my thoughts about the subject in my own words. I have sufficiently cited and referenced the original sources, referred or considered in this work. I have not plagiarized or submitted the same work for the award of any other degree. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute.

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1.	Snehal Prakash Pawar	1905024	

Date:

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## ACKNOWLEDGEMENT

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I take this opportunity to thank all those who have contributed in the successful completion of a Internship Under Industry Internship & Project (IIP) track at “Blue Planet Info Solutions Pvt Ltd”. I sincerely wish to express my gratitude to Industry Internship & Project (IIP) Mentor Prof. V. S. Patil for full support, expert guidance, and encouragement and kind cooperation throughout the Internship work. I am greatly indebted to him for his help throughout project work. I express my sincere gratitude towards Dr. M. S. Patil, Head of the Department, Electronics and Telecommunication Engineering, for providing necessary facilities, guidance and support.

I respect and thank Mrs. Madhuri Deshmukh for providing me an opportunity to do a project in Blue Planet Info Solutions Pvt Ltd and giving us all support and guidance which made me complete the internship duly. I am extremely thankful to her for providing such a nice support and guidance, although he had busy schedule managing the corporate affairs.

I thank Prof. P. P. More (Dept TPC) for providing a internship & Project Opportunity in an Industry. I am thankful to and fortunate enough to get constant encouragement, support and guidance from all Teaching staffs Electronics and Telecommunication Engineering Department, which helped me in successfully completing internship.

Nevertheless, I express my gratitude toward my family members for their kind co-operation and encouragement which helped me in the completion of this internship.

## ABSTRACT

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Web development is the process of creating and maintaining websites and web applications. It involves designing, coding, and implementing various components that make up a website, such as the layout, user interface, functionality, and content. Web developers use different programming languages such as HTML, CSS, JAVASCRIPT, PHP, also uses frameworks, and tools to build websites that are interactive, visually appealing, and functional. We got chance to work on SQL as well as we learn how website is working in backend.

In web development HTML is using for creating content and body (i.e. frontend) of webpage. CSS helps to styling and formatting webpages. Its purpose is to control the visual appearance and layout of HTML elements, allowing web developers to design attractive, consistent, and user-friendly websites.

Javascript is primarily used for enhancing the interactivity and dynamic behavior of websites. PHP is used for server-side scripting and backend functionality.

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# CHAPTER 1

## Introduction

### 1.1 Industrial Internship Course

A short-term work experience opportunity in an organisation is all that an industrial internship is. An internship is used for a variety of positions in technical companies, non-profit organisations, and government agencies after engineering school or throughout college. They are carried out by undergraduates and recent graduates who want to develop the necessary knowledge and expertise in a specific area of interest.

The companies generally hire their finest interns, who have proven abilities and interests, from these placements, saving them money and time in the long run. Interns gain from this since it allows them to network with potential employers. Typically, third-party organisations that hire interns for industry groups are the ones who give internships. Regarding when interns should be treated as employees, regulations vary from nation to nation.

An internship often involves an exchange of services for experience between the organisation and the intern. It is useful to ascertain whether the intern is still interested in that field after gaining practical experience. In addition to that, an internship can be used to establish a professional network that can help with letters of recommendation or open up job prospects in the future. The advantage of hiring an intern full-time is that they are already familiar with the business and will require little to no training. By participating in a field of their choice during an internship, current college students can learn firsthand about a particular prospective job and get ready for full-time employment after graduation.

### 1.2 Project Courses

The "Wonderful business" web development project is a PHP-based application that enables users to view corporate data and carry out internal tasks via a web browser. The project's objective was to give businesses an easy way to use PHP on their web servers to manage their data and procedures.

I finished a course in PHP for web development to get ready for this project. Building a solid foundation for PHP programming was made much easier with the help of this course. Throughout the duration of the project's development, I used the knowledge I learned in the training.

Variables, control structures like loops and conditional expressions, and the usage of arrays for data storage and manipulation were all topics covered during the course. It also introduced fundamental ideas from the PHP ecosystem, like leveraging databases and PHP frameworks to speed up development.

I used the fundamental PHP features to manage user authentication, process form data, communicate with databases, and implement dynamic content generation. To speed up development and assure secure coding techniques, I used PHP frameworks and libraries.

By putting the principles I learnt in the course into practice, I was able to successfully integrate PHP's knowledge into the project, enabling the development of an effective and secure online application for managing business information and internal operations.

### **1.3 Internship objectives**

- To improve communication skills.
- To learn beyond theoretical knowledge.
- To apply the theoretical knowledge in an actual organization.
- To make quick decisions in real situations.
- To enhance my personal knowledge and professional preparation for the future.
- To learn how to adjust in an organization.
- To know how to present your work in front of your supervisor.
- To get exposure to work in an organization and know about organizational behaviour, ethical rules, and regulations.
- To Make the website more efficient and robust.

## CHAPTER 2

### Company Background and structure

#### 2.1 Company Profile

##### Blue Planet –



Blue Planet Solutions India Pvt Ltd was founded in 1997 by a group of technologists with extensive experience in Corporate America. We provide Fortune 500 companies with consulting, staff augmentation, system administration, and training.

At Blue Planet, we have created an environment, culture and opportunities with our customer-partners which enable our employees to exceed customer expectations and go the extra mile thus creating a Magical experience of delight.

Blueplanet believe – the value proposition centered on productivity, efficiency, service, cost leadership, a strong process outlook is significantly enhanced towards creating customer delight.

Blue Planet Info Solutions India Pvt Ltd is a state-of-the-art, multi-channel integrated Contact Center and Software Development Offshore development center that operates 24×7 on a multi shift basis with an installed capacity of 100+ seats with a provision of expansion.

We provide a variety of services to companies for:

1. Voice – Inbound
2. Voice – Outbound
3. Back Office & MT
4. Web Services and Software Development

Services to companies in the following industries:

1. Banking
2. Defense
3. Education
4. Healthcare
5. Insurance
6. Manufacturing
7. Telecom

## CHAPTER 3

### Weekly Jobs Summary

#### 3.1 Weekly Summary

Week . No	Starting Date	Ending date	Work
1.	16-01-2023	22-01-2023	Study PHP, Edited Organizing Meet Ups. html and Meet.html Webpages.
2.	23-01-203	29-01-2023	Edited Meet.html and Fund Attracting Webpages.
3.	30-01-2023	05-02-2023	Edited Rewards Engine for Gamers, Planning Rollout and Crowd Funding webpages.
4.	06-02-2023	12-02-2023	Edited Block chain for smart cookie reward point system and start-up world.html webpages
5.	13-02-2023	19-02-2023	Project Assigned:- Wonderful Business Startup Saturday. Learn Bootstrap and Completed Navigation bar and Title section.
6.	20-02-2023	26-02-2023	Collect Required content and images. Completed about, implementation, benefits, participant review and other event section in frontend. Apply image slider to background of title section. Applied various effects on box and texts.
7.	27-02-2023	05-03-2023	Learn how to create logos for social media and attach social media links in webpage. Completed frontend with footer section. Created registration and review for
8	06-03-2023	12-03-2023	Completed header, home, about and other event section in home page. Attach popup in navigation bar in header section in Saturday.html and homepage. Home section of homepage replaced with image slider with fade effect.
9	13-03-2023	19-03-2023	Completed frontend of Homepage. Changed the footer section in Saturday.html page. Attach other pages link in popup in header section of Saturday.html page.
10	20-03-2023	26-03-2023	Attach other pages link in popup in header section of homepage. Started working on backend for registration process. Replace other pages link in popup in header section of homepage with registration and login form.

<b>Week . No</b>	<b>Starting Date</b>	<b>Ending date</b>	<b>Work</b>
11.	27-03-2023	02-04-2023	Replace the other pages link in popup in header section of Saturday.html with registration and login form. Connected databases of all pages using php script. Created php script to collect registered data into database for all pages, login with registered email and password.
12.	03-04-203	09-04-2023	Attached review form in header section of Saturday.html page. Created javascript and PHP script to collect review in database. Started working on frontend of Wonderful business fashion friday.
13.	10-04-2023	16-04-2023	Completed frontend of wonderful business fashion Friday. Completed backend in fashion friday webpage for registration and login with registered email and password.
14.	17-04-2023	23-04-2023	Created PHP script to update password. Created image gallery using html and css.
15.	24-04-2023	30-04-2023	Created teachers dashboard and student form. Created form for school academic year.
16.	01-05-2023	07-05-2023	Started helping other team in backend for registration and login in wonderful days pages.
17.	08-05-2023	14-05-2023	Completed all the backend process. Created api for club activity details.
18	15-05-2023	21-05-2023	Created api for student enrolled club list and add club details.
19	22-05-2023	28-05-2023	Created new form for add club. Done the setup for devwonderful days on mysql workbench. Add remaining tables in phpmyadmin. Exported database from phpmyadmin and imported into mysql workbench

Table 1. Weekly Summary

# CHAPTER 4

## Technical content

### 4.1 What is web development

Web development is the process of creating and maintaining websites and web applications. It involves a combination of design, programming, and problem-solving skills to build functional and visually appealing online platforms. Web developers use various programming languages, frameworks, and tools to develop the front-end (client-side) and back-end (server-side) components of a website.

Front-end development focuses on creating the user interface, designing the layout, and implementing interactivity using languages like HTML, CSS, and JavaScript. Back-end development involves server-side programming, database management, and handling server logic to support the functionality and data processing of a website.

### 4.2 Visual Studio Code

Visual Studio Code, often referred to as VS Code, is a popular source code editor developed by Microsoft. It is a lightweight and extensible cross-platform tool that supports coding in various programming languages. VS Code provides a user-friendly interface and offers a wide range of features to enhance the development experience.

#### Key features of Visual Studio Code include:

- **Cross-platform compatibility:** It is available for Windows, macOS, and Linux operating systems, ensuring flexibility for developers on different platforms.
- **Intuitive user interface:** VS Code has a clean and user-friendly interface that allows developers to focus on their code without distractions. It provides a sidebar for easy navigation, a powerful search function, and customizable layouts.
- **Built-in terminal:** VS Code includes an integrated terminal, allowing developers to execute commands, run scripts, and interact with their code's output directly within the editor.
- **Syntax highlighting and intelligent code completion:** It provides syntax highlighting for a wide range of programming languages, making the code more readable. It also offers intelligent code completion suggestions, helping developers write code more efficiently.
- **Debugger integration:** VS Code supports debugging for various programming languages. It allows developers to set breakpoints, step through code, inspect variables, and diagnose issues.

in their applications.

- **Extensibility:** One of the notable strengths of Visual Studio Code is its extensibility. It provides a rich extension marketplace where developers can find and install extensions to enhance their coding experience. Extensions can add features like additional language support, linters, debuggers, and integration with version control systems.
- **Version control integration:** VS Code has built-in support for version control systems like Git. It provides a source control sidebar where developers can manage their repositories, review changes, commit code, and collaborate with others.
- **Task automation:** It allows developers to define and execute tasks, such as compiling code, running tests, or deploying applications, using task runners like Grunt, Gulp, or npm scripts.
- **Integrated terminal:** VS Code includes a built-in terminal that allows developers to run commands, scripts, and interact with their code's output directly within the editor.
- **Customization options:** Visual Studio Code offers extensive customization options, allowing users to personalize their coding environment with themes, icon packs, and various settings.

### 4.3 What is Xamp?

XAMPP is an acronym that stands for "Cross-platform, Apache, MySQL, PHP, and Perl." It is a popular open-source software package that provides a local development environment for building and testing web applications on your personal computer.

XAMPP is designed to simplify the setup of a web server environment, allowing developers to work on their projects offline without the need for an internet connection or a remote server. It is available for Windows, macOS, and Linux operating systems.

In addition to these core components, XAMPP provides other utilities and tools such as phpMyAdmin, which is a web-based interface for managing MySQL databases, and FileZilla FTP server for file transfer.

**The main components included in XAMPP are:**

- **Apache HTTP Server:** XAMPP includes the Apache web server software, which is widely used to serve web pages and handle HTTP requests.
- **MySQL:** MySQL allows you to create and manage databases, store data, and perform operations such as querying and modifying data.



- **PHP:** XAMPP bundles PHP, a popular server-side scripting language used for developing dynamic web applications. PHP enables you to write code that generates dynamic content, interacts with databases, and handles various web-related tasks.
- **Perl:** XAMPP also includes Perl, a versatile scripting language used for various web development and system administration tasks.

## 4.4 PHP

**Here are some notable features of PHP:**

- **Server-side scripting:** PHP is a server-side scripting language, meaning it runs on the web server and generates dynamic content that is then sent to the user's browser. This enables PHP to interact with databases, handle forms, and perform various server-side tasks.
- **Easy to learn and use:** PHP has a relatively simple syntax, making it easy for beginners to grasp and start coding quickly. It also has extensive documentation and a large community, providing sample resources for learning and troubleshooting.
- **Platform independence:** PHP is a cross-platform language. This flexibility allows developers to write PHP code once and deploy it on various platforms without significant modifications.
- **Extensive library and framework support:** PHP has a vast collection of libraries and frameworks like Laravel, Symfony, and CodeIgniter streamline web application development and offer features like routing, database abstraction, and template engines.
- **Database integration:** PHP offers built-in support for various databases, with MySQL being particularly popular. It provides functions and extensions to connect to databases, execute queries, and fetch data, enabling seamless integration with database systems and efficient data handling in web applications.

## 4.5 Other webpages

- Organizing Meet Ups



Fig1: Organizing Meet Up

- Meet. Html



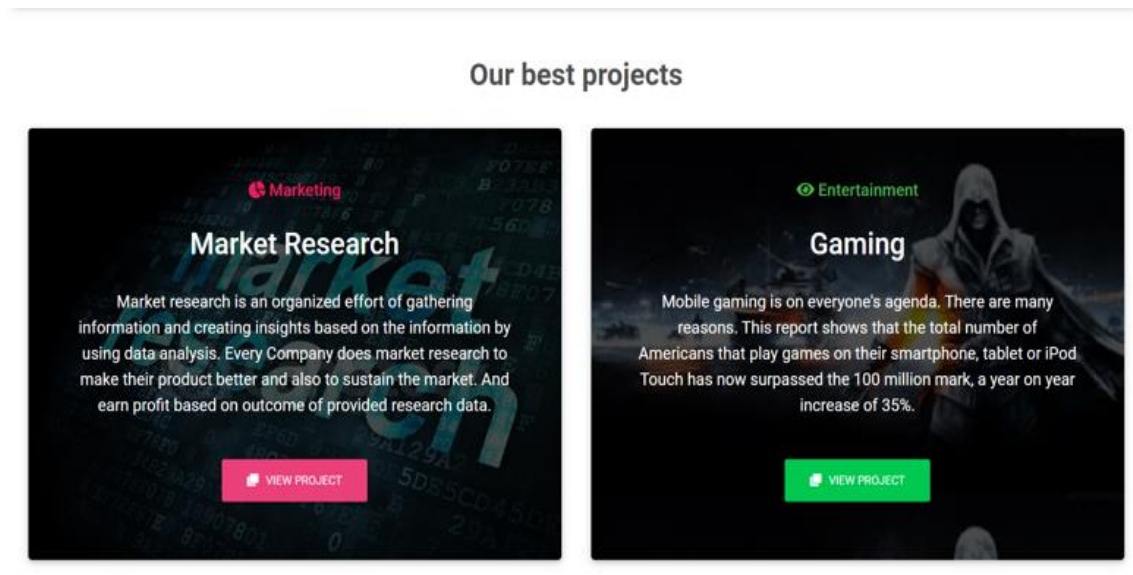


Fig 2: Meet.Html

- Attract Funding.html

## Attract Funding

**Funding is the act of providing resources to finance a need, program, or project. While this is usually in the form of money, it can also take the form of effort or time from an organization or company..**

**Generally, this word is used when a firm uses its internal reserves to satisfy its necessity for cash, while the term financing is used when the firm acquires capital from external sources.**

### Pupose Of Funding

#### Research Funding



Research funding is funding used for research-related purposes. It is most often used to describe funding in the fields of technology or social science. The allocation of funds are usually granted based on a per project, department, or institute basis stemming from scope of the research or project. Research funding can be split into commercial and non-commercial allocations. Research and development departments of a corporation normally provide commercial research funding. Whereas, non-commercial research funding is obtained from charities, research councils, or government agencies. Organizations that require such funding normally have to go through competitive selections. Only those that have the most potential would be chosen. Funding is vital in ensuring the sustainability of certain projects.

#### launch a Business



Entrepreneurs with a business concept would want to accumulate all the necessary resources including capital to venture into a market. Funding is part of the process, as some businesses would require large start-up sums that individuals would not have.[4] These start-up funds are essential to kick-start a business idea, without it, entrepreneurs would not have the ability to carry out their concepts in the business world.

#### Uses on Investment



Fund management companies gather pools of money from many investors and use them to purchase securities. These funds are managed by professional investment managers, which may generate higher returns with reduced risks by asset diversification. The size of these funds could be as little as a few millions or as much as multi billions. The purpose of these funding activities is mainly aiming to pursue individual or organization profits.



Fig 3: Attract Funding.html

- Rewards Engine for Gamers

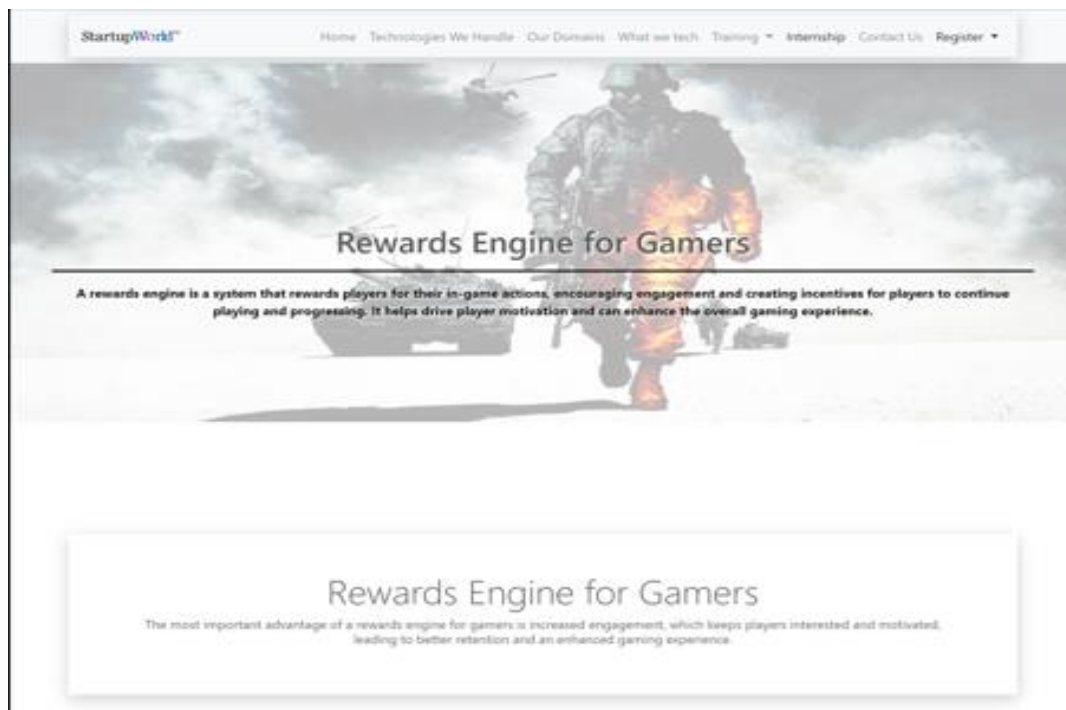




Fig 4: Rewards Engine for Gamers

- Planning Rollout





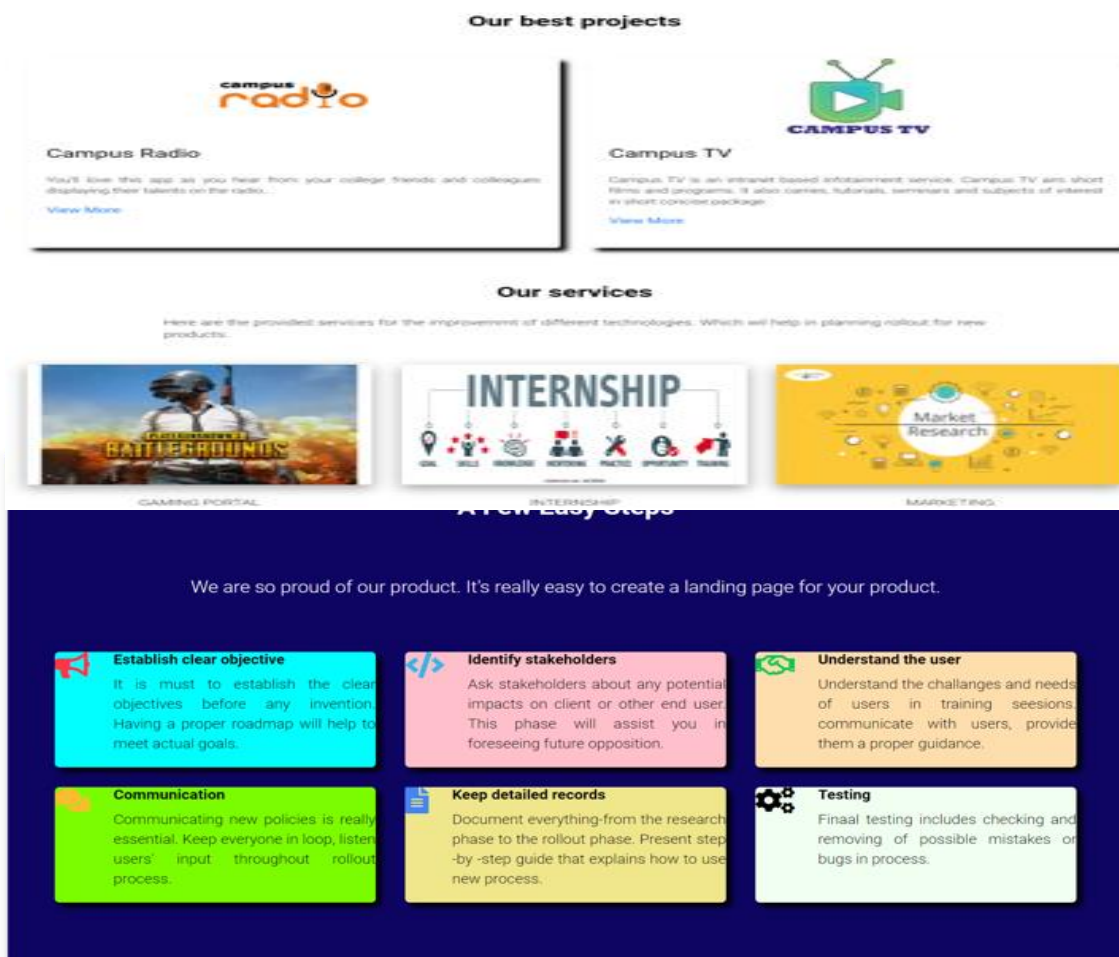


Fig 5: Planning Rollout

- Crowd funding (Finance)



## Most popular resources


 <p><b>Kickstarter</b></p> <p>One of the largest and most well-known crowdfunding platformd, focused on creative projects and product development.</p>	 <p><b>Indiegogo</b></p> <p>A global platform that allows individuals and business to launch campaigns for a variety of causes, from creative projects to entrepreneurial ventures.</p>	 <p><b>GoFundMe</b></p> <p>A personal fundraising platform primarily used for charitable causes, such as medical expenses, educational funding and disaster relief</p>
 <p><b>Patreon</b></p> <p>A platform that allows artists, creators, and content producers to receive recurring payments from their supporters, often in exchange for exclusive content or experiences</p>	 <p><b>Crowdfunder</b></p> <p>A platform that connects startups and small businesses with investors, allowing them to raise capital through equity crowdfunding</p>	 <p><b>Wefunder</b></p> <p>A crowdfunding platform that specializes in equity crowdfunding, connecting strtups and small businesses with a network of indiviidual investors.</p>

Fig 6: Crowd Funding (Finance)

- Block chain for smart cookie reward point system

lumbotron with image overlay

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0 Smart Cookie

### Block chain for Smart Cookie Reward points system

Block chain, an interesting domain in computer science, is a shared database which stores information as blocks in a digital format. One of the key aspects of this blockchain-based loyalty platform would be that it will allow users to participate in a transaction anonymously and still get the value as a participant/trader.



**Classes**

The Blockchain-based Online Education, smartcookie Rewards system is proposed for an online review and rewards system that offers a decentralized trustworthy system. The original Blockchain is open-source technology.



**Courses**

This free online blockchain course introduces you to Blockchain technology and all its applications. You will learn about the differences between public and private keys and how to use them to securely.



**Continuous Learning**

Continuous Learning has become an important part of a person's life nowadays to have a secured future. With the rapidly growing industries, continuous learning is a must to keep up with the latest trends.

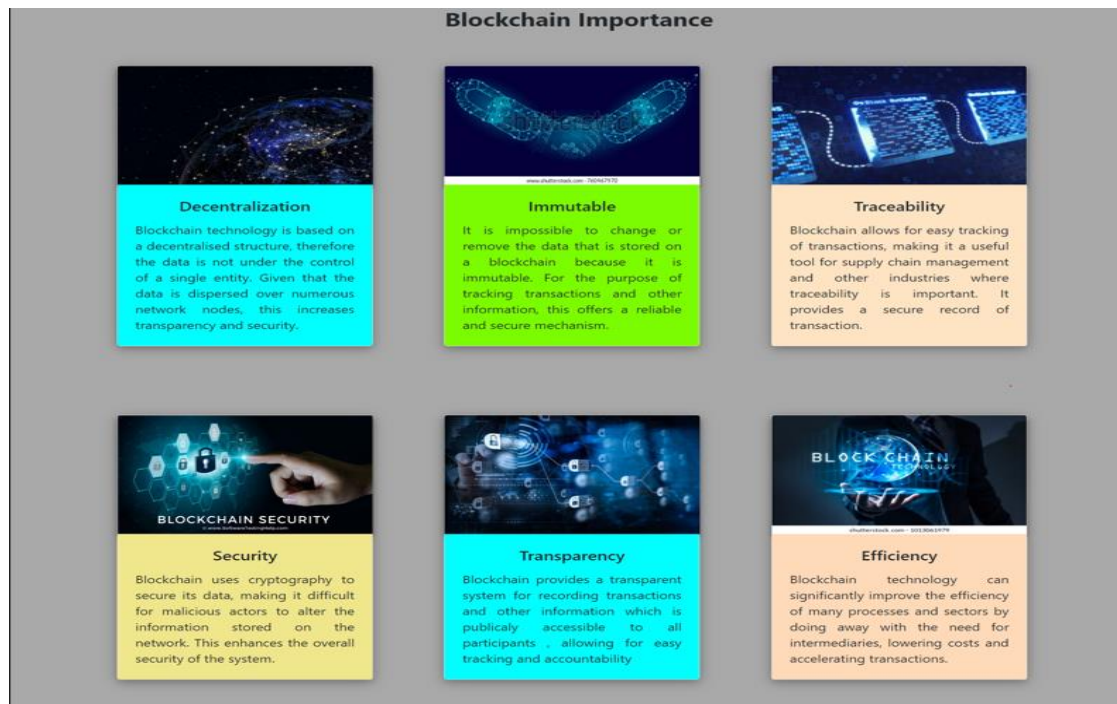


Fig 7: Block chain for smart cookie reward point system



Fig 8: Image gallery



## CHAPTER 5

### Conclusion and Reference

#### 5.1 Opportunity to learn new technologies

Blue Planet Solutions offers consulting services in the fields of system integration, business process optimization, application development, and enterprise architecture.

They offer a variety of internship opportunities for students in many different fields such as mentioned below.

- Mobile
- Database
- Embedded Technology
- Web Technology
- Web Hosting
- Interactive voice and response technologies
- SMS technologies
- Analytics

### TECHNOLOGIES WE HANDLE

#### Mobile

Mobile technology is the the technology used for cellular communication. Mobile code division multiple access (CDMA) technology has evolved rapidly over the past few years. Since the start of this millennium, a standard mobile device has gone from being no more than a simple two-way pager to being a mobile phone, GPS navigation device, an embedded web browser and instant messaging client, and a handheld game console. The Technologies we handle in mobile are:

- i) IOS ii) Android
- iii) Windows Phone 7
- iv) Blackberry



#### Database

A database is a set of data that has a regular structure and that is organized in such a way that a computer can easily find the desired information. Data is a collection of distinct pieces of information, particularly information that has been formatted (i.e., organized) in some specific way for use in analysis or making decisions. The database that we handle are:

- i) Oracle ii) SQL
- iii) MySQL
- iv) Mongo

#### Embedded technologies

As a definition, embedded technology is software and hardware that is embedded in a large device or system. It performs a specific repetitive task or control of specified system. Monad is in this field from last 10 year and developed various products and systems using latest available technology.

#### Web Technologies

There are many types of technologies which are used to support the world wide web and more are being developed all the time. There are several groups involved in the development and coordination of these technologies. The ones that we use are:

- i) Dot Net ii) PHP
- iii) Ruby
- iv) Python
- v) Scala

#### Interactive voice and response technologies

Interactive voice response (IVR) is a technology that allows a computer to interact with humans through the use of voice and DTMF tones input via keypad. In telecommunications, IVR allows customers to interact with a company's host system via a telephone keypad or by speech recognition, after which they can service their own inquiries by following the IVR dialogue.

#### Web Hosting

A web hosting service is a type of Internet hosting service that allows individuals and organizations to make their website accessible via the World Wide Web. Web hosts are companies that provide space on a server owned or leased for use by clients, as well

#### SMS technologies

SMS is used to send text messages to mobile phones. The messages can typically be up to 160 characters in length, though some services use 3-bit mode, which supports 224 characters. We also work on other Technologies like:

- i) VEX ii) Wordpress

## 5.2 Suggestions

I would like to say to my college that it's good decision of providing Internship Track for student of final year. Every time during these five-month internships, the institution provides support for each student and conducts ongoing follow-up, which enables us to stay on track.

Internships provide students with the opportunity to apply their knowledge gained in practice under practical conditions.

Blue Planet is good company for student who wants to take internship, the supporting staff always ready to help and solves doubt of their interns. I will suggest this company to other student who wants to take internship in android or other field.

## 5.3 Conclusion

- The internship provided an opportunity to sharpen your technical skills in web development.
- During internship we got chance to learn valuable workplace skills such as, effective communication, self-confidence, teamwork, time management, and problem-solving.
- Internships offer real-world experience by giving chance to work on live projects, collaborate with a team, and encounter challenges specific to web development.

## 5.4 Reference

<https://www.linkedin.com/company/blueplanetinfosolutions/>

<https://www.startupworld.in>

<https://smartcookie.in/>

<https://bitbucket.org/>

<https://www.postman.com/>