

A Short Technical Report towards A7024 – PR (P) Course

TITLE OF THE POTENTIAL PRODUCT PROPOSED

Submitted in the Partial Fulfillment of the
Requirements
for the Award of the Degree of
BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING

Submitted

By

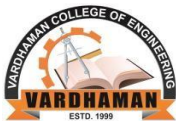
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Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with A++ Grade, ISO 9001:2015 Certified
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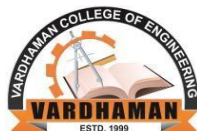
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CERTIFICATE

This is to certify that the short technical report work entitled “**Title of the Potential Product**” carried out by Mr./Ms. **X. XXXX**, Roll Number **18881A04XX**, Mr./Ms. **X. XXXX**, Roll Number **18881A04XX**, Mr./Ms. **X. XXXX**, Roll Number **18881A04XX**, Mr./Ms. **X. XXXX**, Roll Number **18881A04XX** towards **A7024 – PR (P)** course and submitted to the Department of Computer Science and Engineering, in partial fulfillment of the requirements for the award of degree of **Bachelor of Technology in Computer Science and Engineering** during the year 2022-23.

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Abstract

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ABBREVIATIONS

Abbreviation	Expansion

OUTLINE

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INTRODUCTION

1.1 Motivation :

The motivation for building carrier guidance website for students is that as students pass out from intermediate they do not have any clarity on choosing right stream or path to fulfill their goals and also students would have no idea on choosing a course what it leads to in the future. Students would search various websites on topics of choosing a right career and they could not find their required answers. This will also waste their valuable time. This made us think on preparing a website where every student finds their required answers on choosing or planning their right path to achieve their goals with the help of our guides who guide every student at each and every level on choosing and planning their right path to achieve their goals.

1.2 Scope :

There is a good scope for our website in this fast moving world as every student will be in dilemma on choosing the right course after schooling and also there are students who would need guidance on choosing the right path after intermediate and also guidance after Post graduation. So our website has a good scope in the market where students seek guidance on planning, the steps to achieve their goals.

1.3 Objectives :

The aim of this project is to deploy a website that helps pre-teritary students make a better career choice,with the following objectives :

- To explore the problems encountered by the existing manual system.
- To design a web based career guidance that will improve upon the existing manual human career guidance system.
- To implement a web based application of themselves and advise ones get a good understanding of themselves and advise them on the career path that best suits them.And also serve as a complementary tool for career guide and counselors.

1.4 Need for Product Realization :

Product Realization is a process of meeting the market requirements with available resources and also combining the technology as well which helps in developing a new product to fill the gap in the market and also to fulfill the needs of the people. This includes the selection and dimensioning of equipment, resources and other elements, the connection of these elements to performance chains and the design of logistic networks. The tasks of project realization are the scheduling of the implementation, the construction and manufacturing of the system elements, the build-up of the whole system and finally the start-up and tests.

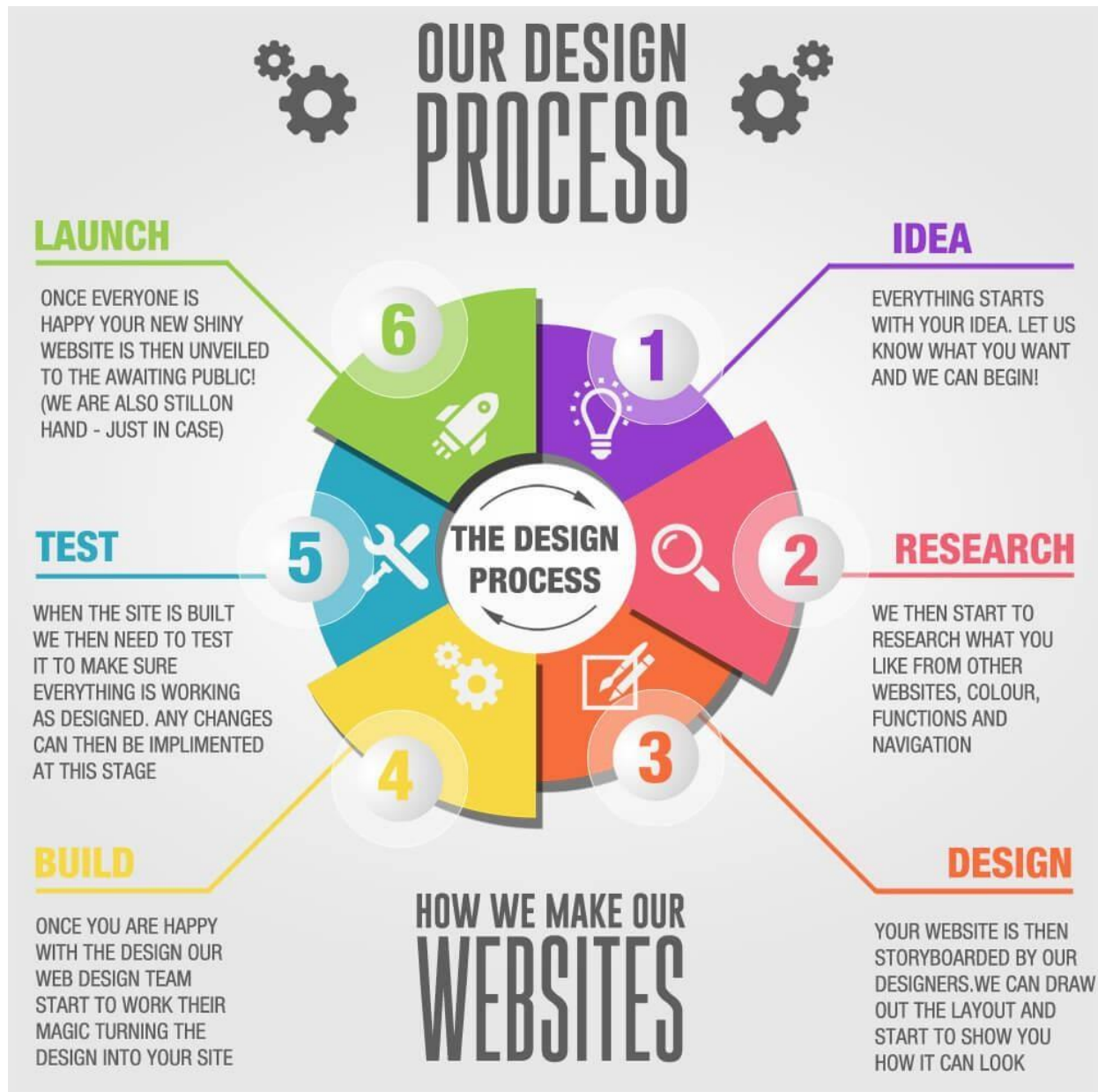
1.5 Product Realization Process :

Product Realization process undergoes several stages as follows :

- Initially identifying the need of the product into the market.
- Identifying customer requirements and conducting a survey to determine whether it is beneficial to people or not.
- Gathering information and converting the needs into engineering design process.
- Analyzing the gathered information and developing the required product.
- Development of product.
- Validating the designed product whether it meets the required needs.
- Testing the product into the market inorder to make the product in a better manner.
- Re-designing the product incase if it doesn't meet the specified requirements.
- Launching the product into the market to benefit the people.

Product Realization Planning

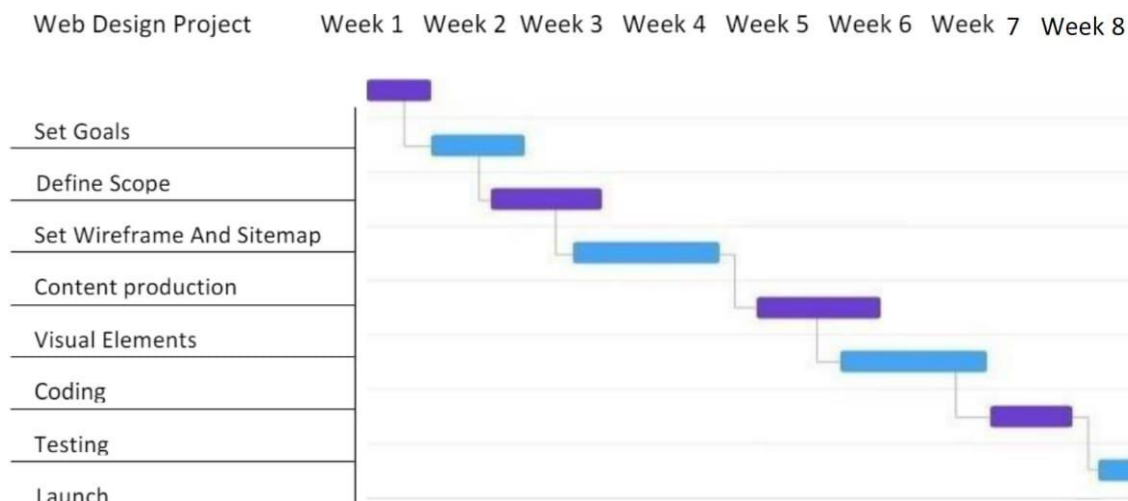
2.1 Flow chart :



2.2 Steps involved for Product Realization :

1. Finding all the requirements to build a website.
2. Learning about programming languages and databases in order to build an effective website.
3. Design and development of backend and frontend for the website.
4. Uploading all the information about success journeys of people.
5. This also includes video links of their lectures and ebooks for references .
6. Maintaining the database in a secure manner in order to avoid losing of info and limiting the access of users.
7. Testing the website.
8. Rectifying the bugs if any , this helps the website to run in an efficient manner.
9. Customer validation.
10. Releasing of product into the market.

2.3 Gantt Chart :



Community Partner-Related Process

3.1 Details of community partner :

Purchase and Design and Development of Product

4.1 Purchasing Information :

Delivery to Community Partner , Feedback and Redesign

5.1 Delivery Details :

Business Model/Paper/Patent information

Conclusion

In this project we have been able to explore the problems encountered by the existing manual system, to design a web based career guidance system that will improve upon the existing manual/human career guide and to implement a web based application that will help younger ones to choose a best career path in order to succeed in their life. This website also suggests them to better understand of themselves and to choose a career path that best suits them. And also serves as a complementary tool for career guide and counsellors.

References :