# PROJECT REPORT

# WEB DEVELOPMENT

# COURSECONNECT

| Created By: | Nidhi Krishna Pednekar | Approved By: | <Domain Lead Name> |
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| Created On: | DD-MMM-YYYY | Approved On: | DD-MMM-YYYY |

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# INDEX

## General Instructions for using the Live Project Report Template

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- This template is a guideline document to communicate the implementation of design ideas and the results of the work to the stakeholders.

- The **text between inequality (< >) is to be replaced** by relevant text

- Please **remove the** **yellow** **highlight on the Text** between the inequality (< >). This is done to help you notice the text to be changed/replaced

- The text in *italics* highlighted in grey is just for reference and should be removed after adding the relevant text

# 1   PROJECT DETAILS

| Project Name | COURSECONNECT | | |
|---|---|---|---|
| Project Sponsor | | | |
| Project Manager | JONATHAN DABRE | | |
| Start Date | 01-06-2024 | Completion Date | 30-06-2024 |

# 2   SUMMARY

The CourseConnect project aimed to create a centralized platform for students to access and search various colleges and courses. This project was necessary to address the fragmented information landscape, making it challenging for students to find accurate and comprehensive data on educational institutions and programs. Long-term benefits include improved access to information, and enhanced decision-making for prospective students.

# 3   INTRODUCTION

## 3.1  Background

CourseConnect was developed to solve the problem of scattered and inconsistent information about colleges and courses. During requirement elicitation meetings, it was identified that students and educators face difficulties in finding reliable data about educational institutions and their programs. This project aims to consolidate all relevant information into a single, user-friendly platform.

## 3.2  Stakeholders

The primary stakeholders include:

- Students seeking information on colleges and courses
- Educators looking for platforms to promote their programs
- College administrators aiming to attract prospective students
- Educational consultants providing guidance to students

## 3.3  Objectives

The objectives included:
- Developing a comprehensive database of colleges and courses
- Implementing an intuitive search feature for users
- Creating a responsive and user-friendly interface

# 4   METHODOLOGY

These conventions are all about the positions of line breaks, how many characters should go on a line, and everything in between.

### 4.1  Considerations & Assumption

Key considerations included the need for accurate and up-to-date information, user-friendly design, and secure data handling. Assumptions made were based on the availability of data from colleges.

### 4.2  Approach

A structured, phased approach was adopted to ensure project success:

- **Requirement Gathering:** Detailed discussions with stakeholders to understand needs and challenges.
- **Design:** Creating a system architecture that supports scalability and ease of use.
- **Development:** Iterative development with continuous feedback loops to refine features.
- **Testing:** Rigorous testing to identify and fix bugs, ensuring a smooth user experience.

### 4.3  Activities

The main activities performed included:

- Conducting requirement gathering sessions
- Planning and designing the system architecture
- Developing the backend using Express.js and MySQL
- Creating the frontend with HTML, CSS, and JavaScript
- Integrating the search functionality for colleges and courses
- Testing the platform to ensure it met the project requirements

## 5  TARGETTED V/S ACHIEVED OUTPUT

The targeted output included a fully functional platform with comprehensive search capabilities and a user-friendly interface. The achieved output matched these targets, with minor deviations such as extended testing time to ensure data accuracy.

## 6  CONCLUSION

CourseConnect will significantly benefit stakeholders by providing a reliable, comprehensive, and user-friendly platform for accessing information about colleges and courses. Future scope includes expanding the database to include more institutions, adding features like student applications, reviews and ratings, and integrating predictive analytics to assist students in making informed decisions.

# 7  APPENDICES

## 7.1  Appendix A – Title

| Component | Description |
|---|---|
| Summary | A centralized platform for students and educators to access, search, and apply to colleges and courses, addressing fragmented information challenges. |
| Background | Developed to solve issues of scattered and inconsistent college information, aiming to consolidate data into a user-friendly platform. |
| Stakeholders | Students, educators, college administrators, educational consultants |
| Objectives | Develop a comprehensive database, implement intuitive search, create user-friendly interface. |
| Changes | Minor enhancements to search functionality based on user feedback. |
| Considerations | Accurate data, user-friendly design, secure data handling. |
| Assumptions | Availability of college data, technical feasibility within timeframe. |
| Approach | Structured phases: Requirement gathering, design, development, testing. |
| Activities | Requirement sessions, system architecture design, backend (Express.js, MySQL), frontend (HTML/CSS/JS), search integration, testing. |
| Output | Fully functional platform with comprehensive search and user-friendly interface. |
| Deviation | Extended testing time for data accuracy improvements. |
| Conclusion | Benefits stakeholders with reliable college information access, future scope includes database expansion, student reviews integration, predictive analytics. |