

A PROJECT REPORT  
ON

**TechnoXamm (E-Learning and Mentorship Service)**

Submitted in partial fulfillment of the requirement for the award of Degree of  
Bachelor of Technology in Information Technology.

**Submitted to:**



Rajasthan Technical University, Kota (Raj.)

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**Session: 2021-22**

Department of Computer Science & Engineering  
**ARYA COLLEGE OF ENGINEERING & I.T.**  
**SP-42, RIICO INDUSTRIAL AREA, KUKAS, JAIPUR**



## Department of Computer Science Engineering

### CERTIFICATE

This is to certify that the work embodies in this Project entitled “**TechnoXAMM**” being submitted by “**SWASTIK SHRESTH (18EARIT061), AMOGH SHARMA (18EARCS015), YASHANK MITTAL (18EARIT064), CHIRAYU PALIWAL (18EARIT016) AND RAHUL MAURYA(18EARIT300)**” in partial fulfillment of the requirement for the award of “**Bachelor of Technology in Information Technology**” to Rajasthan Technical University, Kota (Raj.) during the academic year 2021-22 is a record of bonafide piece of work, carried out by them under our supervision and guidance in the “**Department of Computer Science & Engineering**”, Arya College of Engineering & Information Technology, Jaipur.

Project Guide  
**Dr Vishal Shrivastava**

Project-coordinator  
**Dr. Vibhakar Phatak**

Approved by

**Dr. Akhil Pandey**  
Head, Department of Computer Science  
Engineering



## Department of Computer Science Engineering

### CERTIFICATE OF APPROVAL

The Major Project Report entitled “**TECHNOXAMM**” submitted by “Swatik Shresth (18EARIT061), Amogh Sharma (18EARCS015), Yashank Mittal (18EARIT064), Chirayu Paliwal(18EARIT016) and Rahul Maurya(18EARIT300)” has been examined by us and is hereby approved for carrying out the project leading to the award of degree “**Bachelor of Technology in Computer Science Engineering**”. By this approval the undersigned does not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the pursuance of project only for the above-mentioned purpose.

Project Guide  
**Dr. Vishal Shrivastava**

Project Coordinator  
**Dr. Vibhakar Phatak**



# ARYA College of Engineering & Information Technology

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## Department of Computer Science Engineering

### DECLARATION

We “**Swatik Shresth, Amogh Sharma, Yashank Mittal, Chirayu Palliwal and Rahul Maurya**”, students of **Bachelor of Technology** in **Computer Science Engineering**, session **2021-22**, **Arya College of Engineering & Information Technology, Jaipur**, hereby declare that the work presented in this Project entitled “**TechnoXAMM**” is the outcome of our own work, is bonafide and correct to the best of our knowledge and this work has been carried out taking care of Engineering Ethics. The work presented does not infringe any patented work and has not been submitted to any other University or anywhere else for the award of any degree or any professional diploma.

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Chirayu Palliwal (18E1ARITM45P016)

Date: 11-06-2022

## **Acknowledgement**

We express our deep sense to gratitude to our respected and learned guides Prof Dr **Vishal Srivastava** Sir for their valuable help and guidance we are thankful for them encouragement they had given us in completing the project.

We are also grateful respected Prof **Dr. Akhil Pandey** Sir for permitting to us utilize all the necessary facilities of the institution.

We are also thankful to all the other faculty & staff member of our department of for their kind co-operation help.

Lastly, we would like to express our apperception towards our classmates and us in deftness to our parents for providing us the moral support and encouragement.

**Thank You**

## **ABSTRACT**

TechnoXamm :- with help of highly skilled and experienced mentors to educate the students regarding technical aspects from sixth standards till secondary board.

Awareness of career guidance and building basic logic blocks among students related I.T. sector. In remote areas where there is lack of “access of good education”.

Building a mindset for the students before accessing their bachelors. Giving technical awareness with help them to have more visibility around their area of interest, and option for the right subject in their career.

Other educational websites just provide the content to the user in the form of videos, tutorials and so on. But when a student chooses TechnoXamm's for one's learning, one gets a personalized experience using their ‘knowledge graph’ feature and can proceed with their own pace.

Also, the platform provides a free counseling session at the doorstep and then the student can understand and select the course of one's interest more confidently.

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## **CHAPTER 1**

### **OBJECTIVE AND SCOPE**

- Objective of this technоЫamm is to provide more quality education at less affordable prices. Main objective is to reduce the complexity by providing preplanned training for future betterment.
- We also develop a b2b business setup in our startup. It will be available in both offline and online mode with one-to-one interaction. This technоЫamm already set up an objective in children's mind about the basic building block of technology.
- We are setting widely remote places of India. In this technоЫamm we also target more and more students for their better future academics environments.
- Key Resources act as a building block describing the most important assets needed to make a business model work. The technology infrastructure, interactive graphics technology, lecturers, servers, IT infrastructure are some of the key resources of BYJUS.

## ATTACHED PROOF OF REGISTERED STARTUP

 <b>भारत सरकार</b> <b>Government of India</b> <b>सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय</b> <b>Ministry of Micro, Small and Medium Enterprises</b>		<b>MSME</b> मिशन, लघु एवं मध्यम उद्यम MICRO, SMALL & MEDIUM ENTERPRISES																				
<b>UDYAM REGISTRATION CERTIFICATE</b>																						
 <p>Our small hands to make you LARGE</p>																						
<b>UDYAM REGISTRATION NUMBER</b>	<b>UDYAM-UP-28-0030093</b>																					
<b>NAME OF ENTERPRISE</b>	<b>TECHNOXAMM</b>																					
<b>TYPE OF ENTERPRISE *</b>	<b>MICRO</b>																					
<b>MAJOR ACTIVITY</b>	<b>SERVICES</b>																					
<b>SOCIAL CATEGORY OF ENTREPRENEUR</b>	<b>GENERAL</b>																					
<b>NAME OF UNIT(S)</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">S.No.</th> <th colspan="3">Name of Unit(s)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td colspan="3">Technoxamm</td> </tr> </tbody> </table>		S.No.	Name of Unit(s)			1	Technoxamm														
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Mobile	7007679566	Email:	kashyapprteek1798@gmail.com																			
<b>DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE</b>	<b>11/11/2021</b>																					
<b>DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS</b>	<b>11/11/2021</b>																					
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<b>DATE OF UDYAM REGISTRATION</b>	<b>24/11/2021</b>																					
<small>* In case of graduation (upward/reverse) of status of an enterprise, the benefit of the Government Schemes will be availed as per the provisions of Notification No. S.O. 2119(E) dated 26.06.2020 issued by the MoS MSME.</small>																						
<small>Disclaimer: This is computer generated statement, no signature required. Printed from <a href="https://udyamregistration.gov.in">https://udyamregistration.gov.in</a> &amp; Date of printing:- 29/11/2021</small>																						
<b>For any assistance, you may contact:</b> <ul style="list-style-type: none"> <li>1. District Industries Centre: GAUTAM BUDDHA NAGAR (UTTAR PRADESH)</li> <li>2. MSME-DI: DELHI (DELHI)</li> </ul>																						
<small>Visit : <a href="http://www.msme.gov.in">www.msme.gov.in</a> ; <a href="http://www.dcmsme.gov.in">www.dcmsme.gov.in</a> ; <a href="http://www.champions.gov.in">www.champions.gov.in</a></small>																						
 <p><b>BE A CHAMPION</b> with the <b>Ministry of MSME</b></p>																						

 <b>भारत सरकार</b> <b>Government of India</b> <b>सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय</b> <b>Ministry of Micro, Small and Medium Enterprises</b>	 <b>मित्र, लघु एवं मध्यम उद्यम</b> <small>MICRO, SMALL &amp; MEDIUM ENTERPRISES</small>
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Udyam Registration Number : UDYAM-UP-28-0030093

Type of Enterprise	MICRO	Major Activity	Services
Type of Organisation	Private Limited Company	Name of Enterprise	Technoxamm
Owner Name	SHRI PRATEEK KASHYAP	PAN	HEAPK3140A
Do you have GSTIN	No	Mobile No.	7087679566
Email Id	kashyapprateek1798@gmail.com	Social Category	General
Gender	Male	Specially Abled(DIVYANG)	No
Date of Incorporation	11/11/2021	Date of Commencement of Production/Business	11/11/2021

#### Bank Details

Bank Name	IFSC Code	Bank Account Number
HDFC bank	HDFC0000728	50100398179760

#### Employment Details

Male	Female	Other	Total
4	1	0	5

#### Investment in Plant and Machinery OR Equipment (in Rs.)

S.No.	Financial Year	Enterprise Type	Written Down Value (WDV)	Exclusion of cost of Pollution Control, Research & Development and Industrial Safety Devices	Net Investment in Plant and Machinery OR Equipment (A)-(B)	Total Turnover (A)	Export Turnover (B)	Net Turnover [(A)-(B)]	Is ITR Filled?	ITR Type
1	2019-20	Micro	0.00	0.00	0.00	0.00	0.00	0.00	No	NA

#### Unit(s) Details

SN	Unit Name	Flat	Building	Village/Town	Block	Road	City	Pin	State	District
1	Technoxamm	Flat no 2002 Tower 4	Prateek Kashyap	Noida	-	The Aranya Sector 119	Noida	201307	UTTAR PRADESH	GAUTAM BUDDHA NAGAR

#### Official address of Enterprise

Flat/Door/Block No.	Flat no 2002 Tower 4	Name of Premises/ Building	Prateek Kashyap
Village/Town	Noida	Block	-
Road/Street/Lane	The Aranya Sector 119	City	Noida
State	UTTAR PRADESH	District	GAUTAM BUDDHA NAGAR , Pin : 201307
Mobile	7087679566	Email:	kashyapprateek1798@gmail.com

#### National Industry Classification Code(S)

SNo.	Nic 2 Digit	Nic 4 Digit	Nic 5 Digit	Activity
1	63 - Information service activities	6399 - Other information service activities n.e.c.	63999 - Other information service activities n.e.c.	Services

Are you interested to get registered on Government e-Market (GeM) Portal	Yes
Are you interested to get registered on TReDS Portals(one or more)	Yes
District Industries Centre	GAUTAM BUDDHA NAGAR ( UTTAR PRADESH )
MSME-DI	DELHI ( DELHI )
Date of Udyam Registration	24/11/2021
Date of Printing	29/11/2021

## **CHAPTER 2**

### **THEORITICAL BACKGROUND**

A concept that describes learning in digital age. Its learners to learn more effectively efficiently flexibility and more comfortably.

To create an environment where students can involve with other students at same level, they have not to be discriminated on the basis of knowledge language & opportunities etc.

Doing startup technоЫamm with the help of highly scaled & experienced mentors to educate the students regarding technical aspects from 6<sup>th</sup> standard till secondary board.

Giving technical awareness will help more possibility around their area of interests & opting for the right subject in their career.

## **CHAPTER -3**

### **DEFINITION OF PROBLEM**

- Students not being aware enough while opting for their technical field and digitization & proceeding as per influence & someone else guidance.
- Repercussions are not being able to pop up looking at more complicated programming stuff that has never been taught.
- Hence causing distress wastage of time & failure in bringing the desired results.
- Giving technical awareness we will help them to have more visibility around their area of interests & opting for right subjects in their career.

## **CHAPTER -4**

### **SYSTEM ANALYSIS & USER MANAGEMENT**

#### **4.1 Feasibility study**

#### **FEASIBILITY STUDY**

Startups of the development in the past have been carried out based on different mythologies applied by software developers and engineers each methodology is informed by the types of projects, the organization the developers involved in seeing the execution of project to completion.

The approach is used as a good facility to develop this startup. The development of this project is requiring the supervisor “user” involvement in order to have timely visible results. We also providing study materials for our students for their betterment future.

However, it is an ongoing startup requires incremental implementation in smaller functionalities which will be put together at end this. This startup objectives specified is to provide competitive exercises , one to one interactions and classification option available.

## **FUNCTIONAL REQUIREMENTS**

Functional requirements are featuring that the system will need in order to deliver or operate. In this startup, it was important to gather some requirements to achieve the objectives set out previously. With client user use to implement mass communication operation like zoom, skype, google meet, webex, teams.

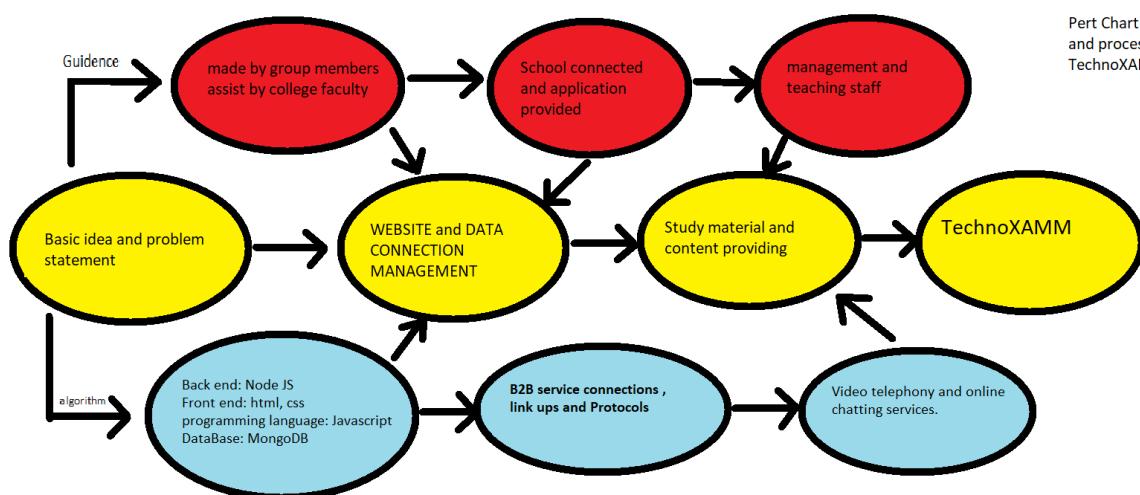
Due to B2B (business to business) schools provided equipments so that student can access at a low price.

## **NON-FUNCTIONAL REQUIREMENTS**

Nonfunctional requirements are set of requirements with specific criteria To judge the system operations. These requirements have been collected based on the following after meeting with client. They lower ease of use to the client support, availability, good study material & implementation consideration more specifically: -

- i) A good faculty.
- ii) Good study materials.
- iii) One to one interaction and chatting option.
- iv) Competitive exercises.
- v) Doubt Solving
- vi) Mass communication operations.
- vii) Due to B2B schools provided equipment's, so that students can access at low price.

## SYSTEM PLANNING (PERT CHART)



## **CHAPTER-5**

### **METHODOLOGY ADOPTADE & DETAILS OF HARDWARE & SOFTWARE USED.**

#### **5.1 METHODOLOGY**

We use basic methodology in our startup is that firstly we take the querries from different schools and maintain databse . With the help of this data we contact with those schools and explain our process that we educate in terms of technology to students and provide more quality education at affordable fee structure and we ask them choice between offline and online mode after their school hours so that students never distracted with their school studies.

We clearly set up an objective in children's mind about basic building blocks of technologies.

#### **HARDWARE AND SOFTWARE USED**

For the startup we created a website the technologies in building this website are: -

##### **Front end technologies**

- 1) HTML: - is a markup language. It provides structure of a website so that web browsers know what to show.
- 2) CSS: -is a cascading style sheet. Let's web designers change colors, fonts, animations, and transitions on the web.
- 3) Programming Languages: - these are the ways to communicate computers and tell them what to do.

##### **Backend Technology**

##### **Backend Technology**

**NODE JS:** - it is a open source, cross platform, backend JavaScript, runtime environment that runs on the V8 engine and executes JavaScript code outside a web browser.

##### **FRAMEWORKS**

**BOOTSTRAP:** - it is an open-source CSS framework directed as responsive

, mobile-first, front end web development. It contains HTML, CSS, JavaScript, based design templates for typography, forms, buttons, navigations, and other interface components.

**EJS:** - embedded java script templating is one of the most popular template engine for the java script is tool for generating web pages that can include dynamic data and can share pieces with other web pages.

## **DATABASE**

Databases are the where all your data is stored. It's like a bunch of filling cabinets with folders filled with files.

**Mongo Db:** - is an open-sourced NoSQL database and is currently the only database supported by meteor.

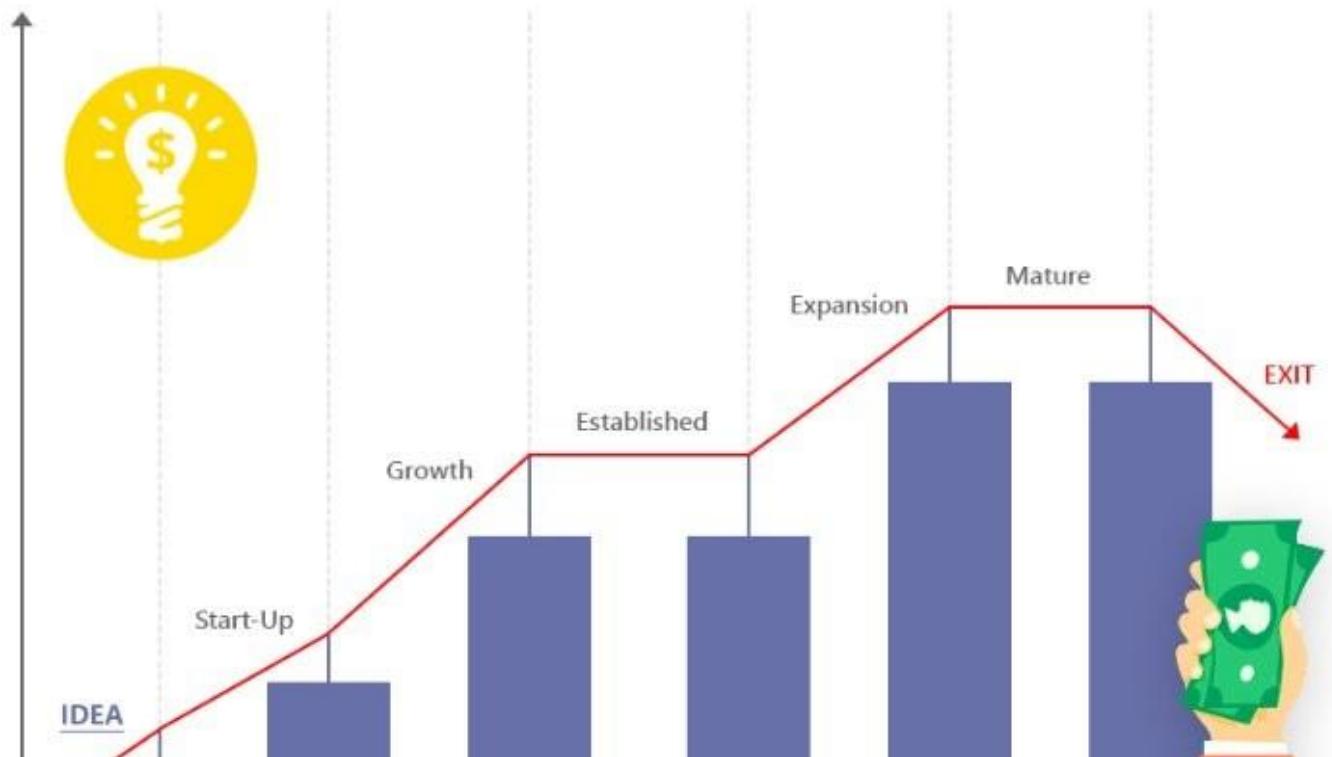
## **DATA FORMATS**

Data formats are the structure of how data is stored.

**JSON:** - is quickly becoming the most popular how data is stored and is an open standard file format that uses human readable text to store and transmit data objects consisting of attribute value pair and arrays.

## CHAPTER 6

### SYSTEM DEVELOPMENT LIFE CYCLE



**Step 1 IDEA:** It includes the problem statement, alternative solution consulting with group members under the guidance of college faculty. Encouragement, passion and support drive us at this stage where we can initiate our startup process in a successful manner.

**Step 2 Start-Up:** At the beginning we have to make professional relationships with our management staff and teaching staff with the encouragement of our marketing team so that our success graph grows in an exponential manner.

**Step 3 Growth:** In this step we have to expand our B2B business in wider and remote targeted areas. Grabbing more and more schools and with the help of our marketing team to reach more and more students.

**Step 4 Establishment:** After the good growth, we have to help certain programmed apart from our main curriculum activity to maintain the mental growth of all the teams included students to keep them happy and connected.

**Step 5 Expansion:** Inclusion of more courses and apart from the subject of Information technology we also include other branches and target wider audience.

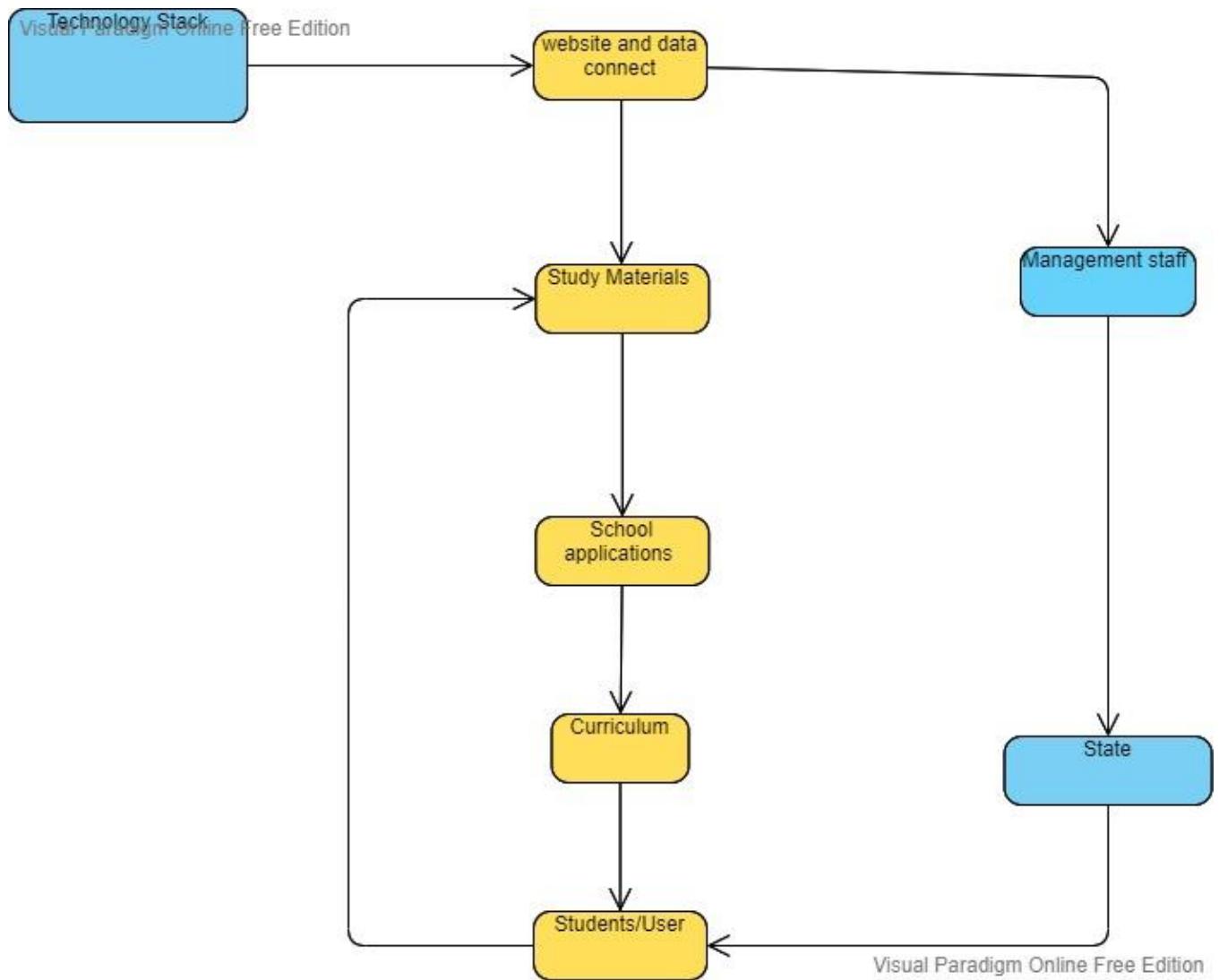
**Step 6 Maturity:** Every process has its end; we end this process when the graph of motivation and passion of our teams to our dream goes in a decreasing manner.

## CHAPTER-7

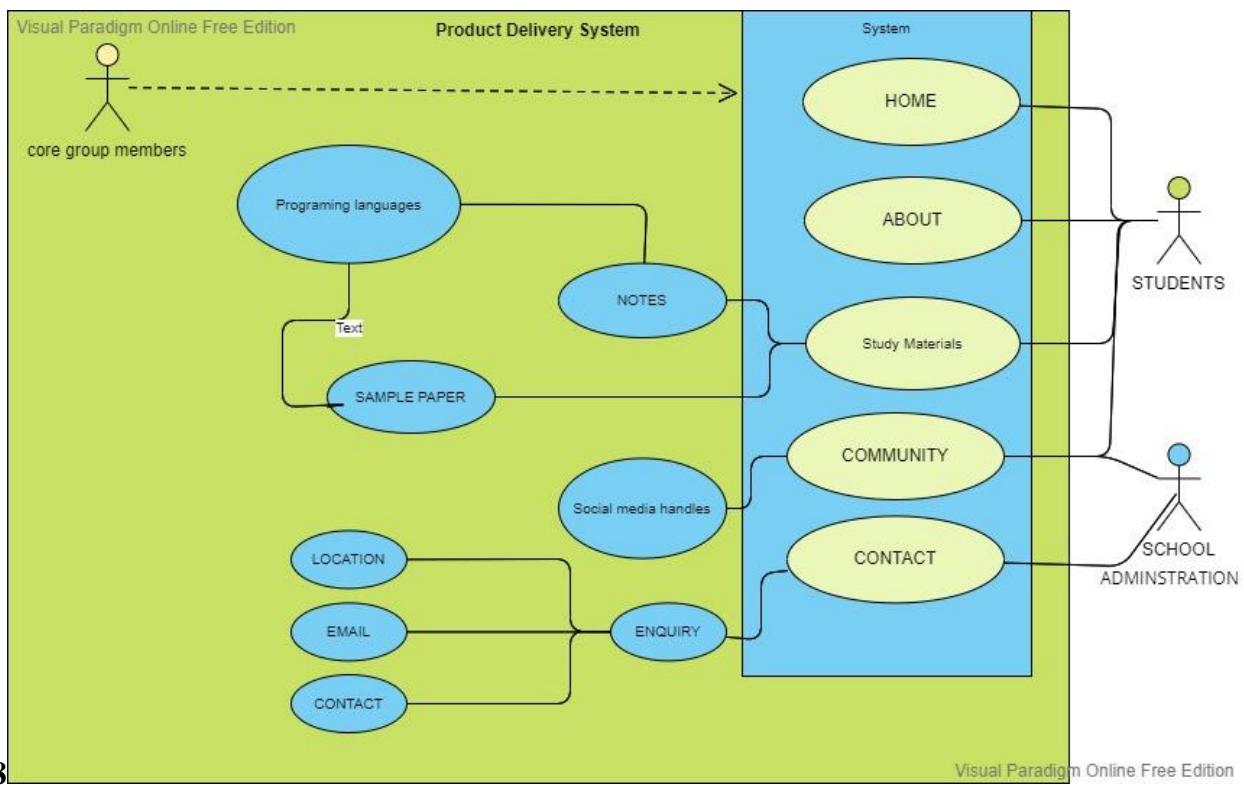
### ER & DFD

#### 7.1 DIAGRAMS

##### a. DATA FLOW DIAGRAM



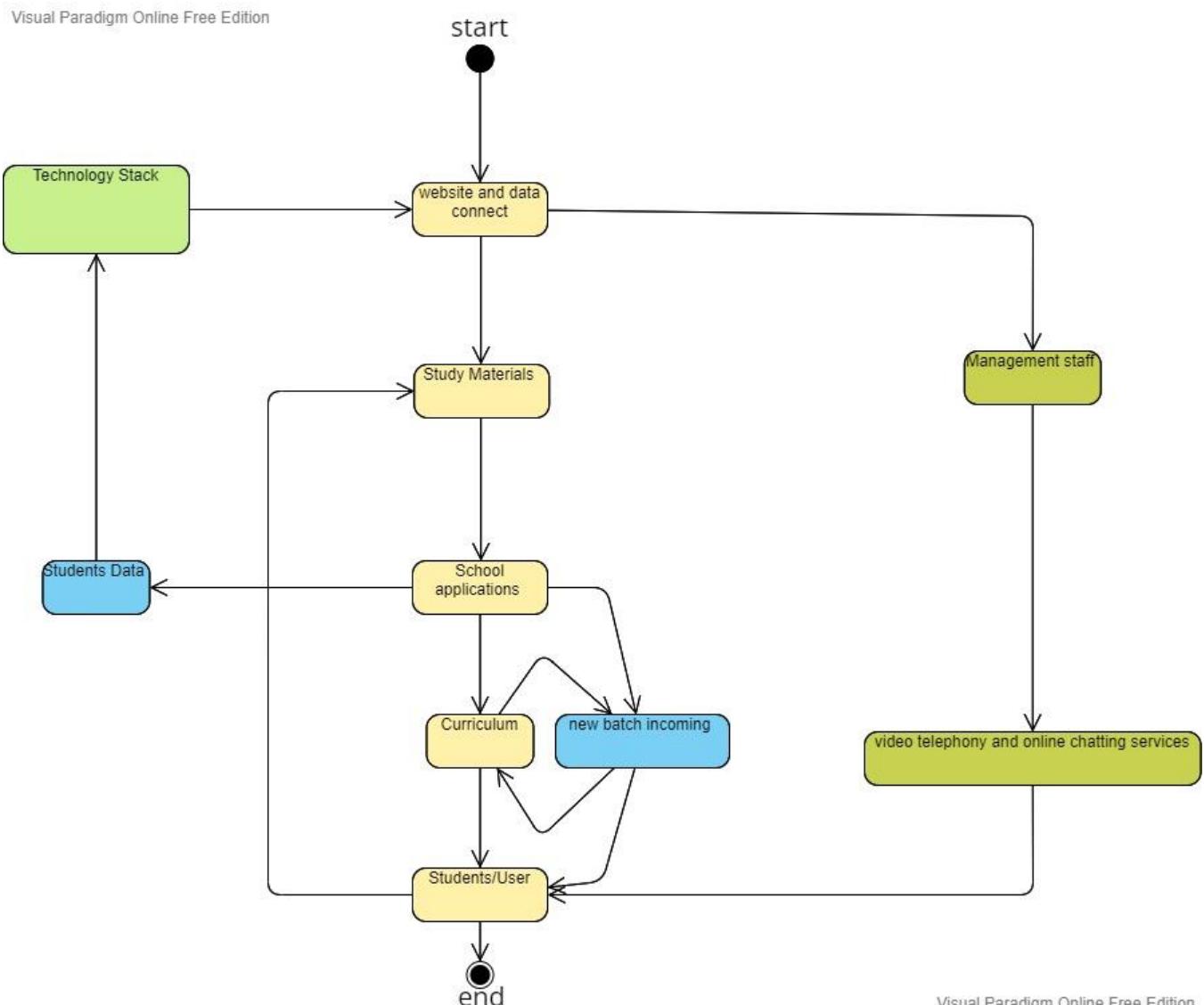
## b.ENTITY RELATIONSHIP DIAGRAM



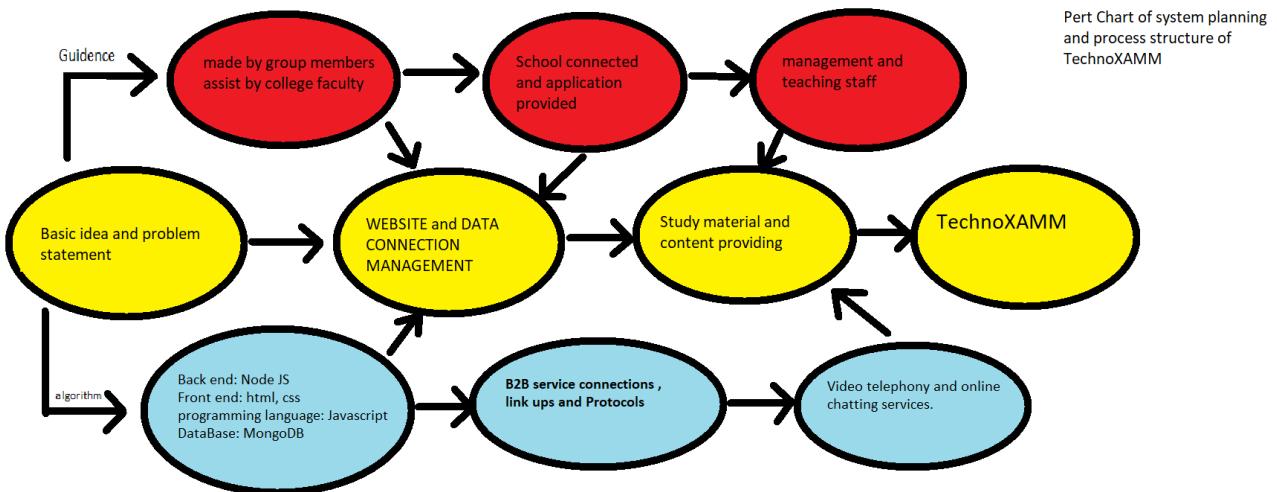
# CHAPTER 8

## ALGORITHM, FLOWCHART & DATABASE DIAGRAM

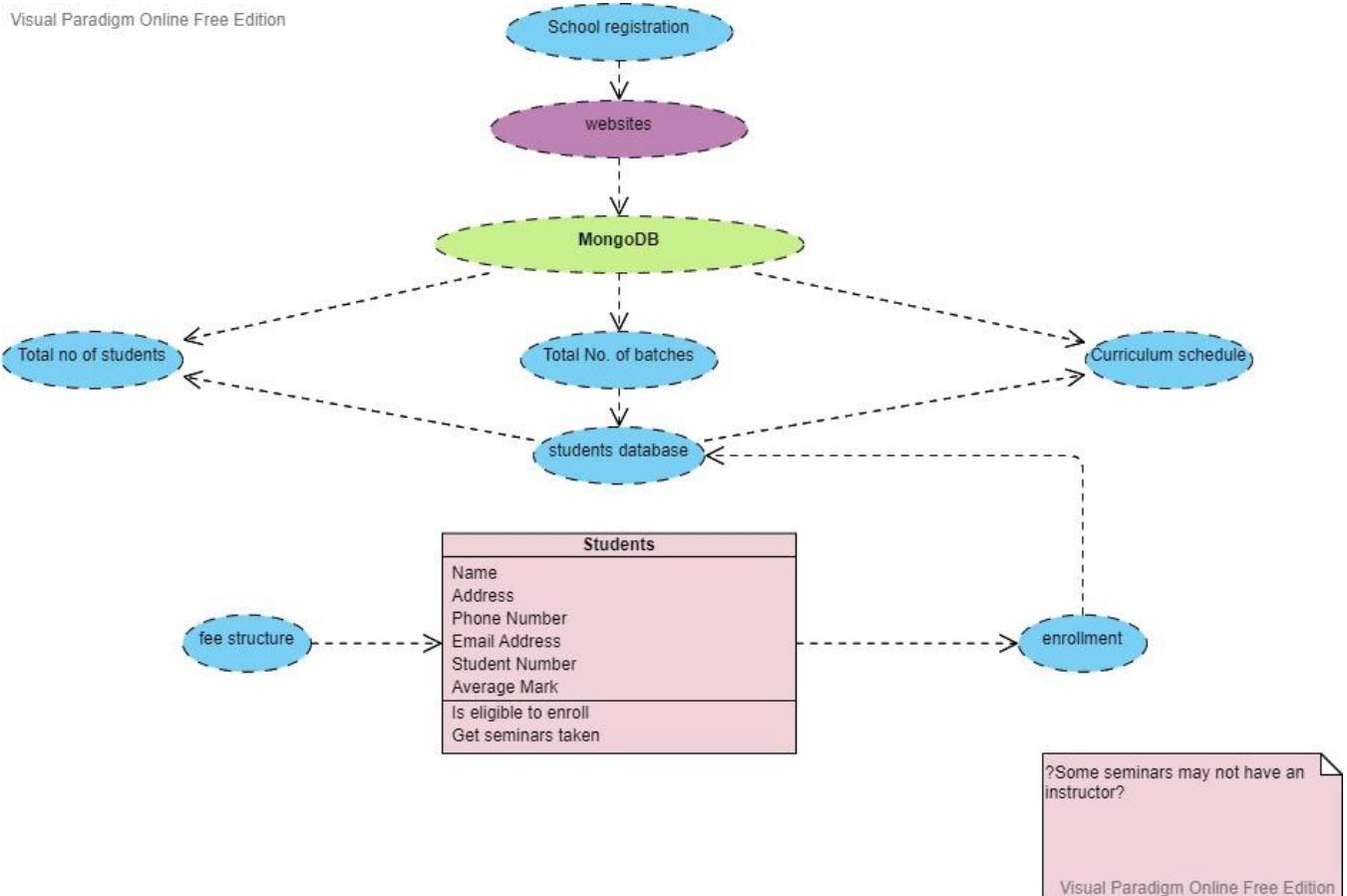
### 8.1 ALGORITHM



### 8.2 FLOWCHART



### 8.3 DATABASE



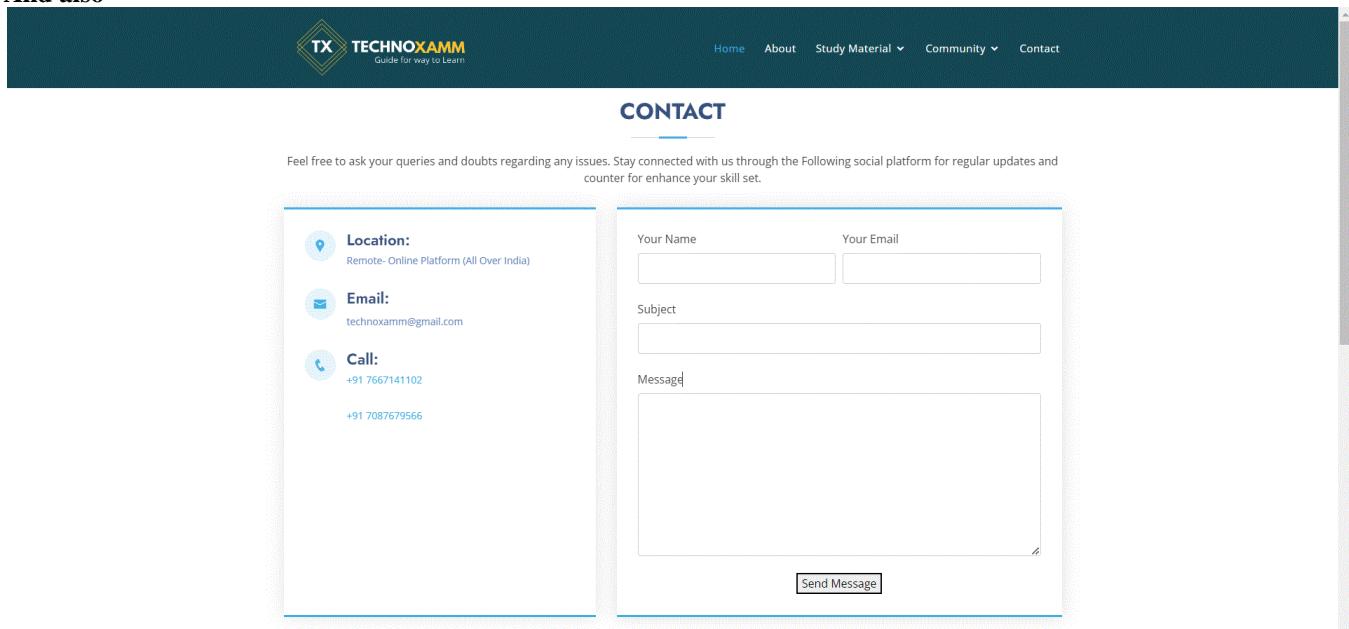
# CHAPTER 9

## SYSTEM DESIGN & INPUT OUTPUT SCREEN

Our output screen and websites finally look like this



And also



# CHAPTER 10

## CODING

### MAIN.py

```
↳ about-us.ejs ×
backend > views > ↳ about-us.ejs > ⚡ html > ⚡ body > ⚡ footer#footer > ⚡ div.footer-top > ⚡ div.container > ⚡ div.row > ⚡ div.col-lg-3.col-md-6.footer-contact > ⚡ p > ⚡
1   <!DOCTYPE html>
2   <html lang="en">
3
4   <head>
5     <meta charset="utf-8">
6     <meta content="width=device-width, initial-scale=1.0" name="viewport">
7
8     <title>TechnoXamm</title>
9     <link rel="icon" type="image/png" href="assets/img/team/txexam.png">
10    <meta content="" name="description">
11    <meta content="" name="keywords">
12
13    <!-- Favicons -->
14    <!-- <link href="assets/img/favicon.png" rel="icon">
15    <link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon"> -->
16
17    <!-- Google Fonts -->
18    <link href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Jost:300,300i,400,400i,500,500i" rel="stylesheet">
19
20    <!-- Vendor CSS Files -->
21    <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
22    <link href="assets/vendor/icofont/icofont.min.css" rel="stylesheet">
23    <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
24    <link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
25    <link href="assets/vendor/venobox/venobox.css" rel="stylesheet">
26    <link href="assets/vendor/owl.carousel/assets/owl.carousel.min.css" rel="stylesheet">
27    <link href="assets/vendor/aos/aos.css" rel="stylesheet">
28
29    <!-- Template Main CSS File -->
30    <link href="assets/css/style.css" rel="stylesheet">
31
32    <!-- ===== -->
33    ===== -->
34  </head>
35
36  <body>
37    <header id="header" class="fixed-top">
38      <div class="container d-flex align-items-center">
```

```
<body>
  <header id="header" class="fixed-top ">
    <div class="container d-flex align-items-center">
      <!-- <h1 class="logo mr-auto">
        |   <a href="/">TechnoXamm</a>
      </h1> -->

      <a class="navbar-brand" href="/">
        |   
      </a>

      <nav class="nav-menu d-none d-lg-block">
        <ul>
          <li class="active"><a href="/">Home</a></li>
          <li><a href="/about-us">About</a></li>
          <li class="drop-down">
            <a href="">Study Material</a>
            <ul>
              <li class="drop-down"><a href="#">Notes</a>
                <ul>
                  <li>
                    |   <a href="assets/notes/C_Notes.pdf">C</a>
                    |   <a href="assets/notes/C++_Notes.pdf">C++</a>
                    |   <a href="assets/notes/java_programming_technoxamm.pdf">Java</a>
                    |   <a href="assets/notes/Python_Notes.pdf">Python</a>
                    |   <a href="assets/notes/HTML_Basic_Notes_TechnoXamm.pdf">HTML</a>
                  </li>
                  <!-- <li><a href="#">Deep Drop Down 2</a></li> -->
                </ul>
              </li>
            </ul>
          </li>
          <li class="drop-down">
            <a href="#">Sample Paper</a>
            <ul>

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</li>
<li class="drop-down">
    <a href="#">Sample Paper</a>
    <ul>
        <li><a href="assets/notes/C Basics Sample Questions.pdf">C Sample Papers</a></li>
        <li><a href="assets/notes/C++ Basics Sample Questions-converted-.pdf">c++ Sample Papers</a>
        <li><a href="assets/notes/Java Basics Sample Questions.pdf">JAVA Sample Papers</a></li>
        <li><a href="assets/notes/Python Basics Sample Questions.pdf">Python Sample Papers</a></li>
    </ul>
</li>
<!-- <li><a href="#">Drop Down 3</a></li>
<li><a href="#">Drop Down 4</a></li> -->
</ul>
</li>
<!-- <li><a href="#team">Team</a></li> -->
<li class="drop-down"><a href="">Community</a>
    <ul>
        <li>
            <a href="https://t.me/technoxamm">Join Now</a>
        </li>
        <!-- <li class="drop-down"><a href="#">Deep Drop Down</a>
            <ul>
                <li><a href="#">Deep Drop Down 1</a></li>
                <li><a href="#">Deep Drop Down 2</a></li>
                <li><a href="#">Deep Drop Down 3</a></li>
                <li><a href="#">Deep Drop Down 4</a></li>
                <li><a href="#">Deep Drop Down 5</a></li>
            </ul>
        </li>
        <li><a href="#">Drop Down 2</a></li>
        <li><a href="#">Drop Down 3</a></li>
        <li><a href="#">Drop Down 4</a></li> -->
    </ul>
</li>
<li><a href="/contact-us">Contact</a></li>
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        <li><a href="/contact-us">Contact</a></li>

    </ul>
</nav>
<!-- .nav-menu -->

<!-- <a href="#about" class="get-started-btn scrollto">Get Started</a> -->

</div>
</header>
<main id="main">
<section id="about" class="about">
<div class="container" data-aos="fade-up">

    <div class="section-title">
        <h2>About Us</h2>
    </div>

    <div class="row content">
        <div class="col-lg-6">
            <p>
                Our work is to provide technical guidance to all the aspirants and helping the youth to contribute in
            </p>
            <ul>
                <li><i class="ri-check-double-line"></i> We are a group that provides awareness of importance of technology
                <li><i class="ri-check-double-line"></i> Basically we all are living in an evolutionary phase of digitalization
                <li><i class="ri-check-double-line"></i> We are in support of Government of India over as an assistant
                <li><i class="ri-check-double-line"></i> Our Dream is to outshine our country's youth from each and every field
            </ul>
        </div>
        <div class="col-lg-6 pt-4 pt-lg-0">
            <p>
                <i class='bx bxs-quote-alt-right' href="https://alphacrat.herokuapp.com/"></i> Our main motive is to reduce the burden of students during their examination, we conduct trainings and workshops for their future.
            </p>
            <!-- <a href="#" class="btn-learn-more">Learn More</a> -->
        </div>
    </div>
</div>

</div>
</section>

<section id="faq" class="faq section-bg">
<div class="container" data-aos="fade-up">

    <div class="section-title">
        <h2>Frequently Asked Questions</h2>
        <p>Following are some frequent queries that may occur in once mind while browsing through.</p>
    </div>

    <div class="faq-list">
        <ul>
            <li data-aos="fade-up" data-aos-delay="100">
                <i class="bx bx-help-circle icon-help"></i>
                <a data-toggle="collapse" class="collapse" href="#faq-list-1">Why choose TechnoXamm? <i class="bx bx-chevron-down icon-show"></i><i class="bx bx-chevron-up icon-close"></i></a>
                <div id="faq-list-1" class="collapse show" data-parent=".faq-list">
                    <p>Our team not only focuses on the evaluation of students but also provide guidance to build Career in various fields</p>
                </div>
            </li>

            <li data-aos="fade-up" data-aos-delay="200">
                <i class="bx bx-help-circle icon-help"></i> <a data-toggle="collapse" href="#faq-list-2" class="collapse" data-parent=".faq-list">
                    <i class="bx bx-chevron-up icon-close"></i></a>
                    <div id="faq-list-2" class="collapse" data-parent=".faq-list">
                        <p>
                            The pattern of exam is build in such way to students get a fair evaluation of their preparation
                        </p>
                    </div>
                </li>
            <li data-aos="fade-up" data-aos-delay="300">

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</li>

<li data-aos="fade-up" data-aos-delay="300">
    <i class="bx bx-help-circle icon-help"></i>
    <a data-toggle="collapse" href="#faq-list-3" class="collapsed"> Mode Of Exam? <i
        class="bx bx-chevron-down icon-show"></i><i
        class="bx bx-chevron-up icon-close"></i></a>
    <div id="faq-list-3" class="collapse" data-parent=".faq-list">
        <p>
            Mostly all our exam are conducted offline so everyone could get a chance to appear.
        </p>
    </div>
</li>

<li data-aos="fade-up" data-aos-delay="400">
    <i class="bx bx-help-circle icon-help"></i>
    <a data-toggle="collapse" href="#faq-list-4" class="collapsed">Is there is any fee for exam?
        <i class="bx bx-chevron-down icon-show"></i><i
        class="bx bx-chevron-up icon-close"></i></a>
    <div id="faq-list-4" class="collapse" data-parent=".faq-list">
        <p>
            Yes, a very nominal fee is been charged up from participated to appear in offline examination.
        </p>
    </div>
</li>

<li data-aos="fade-up" data-aos-delay="500">
    <i class="bx bx-help-circle icon-help"></i>
    <a data-toggle="collapse" href="#faq-list-5" class="collapsed">Is there any supposed
        material provided for technical language? <i class="bx bx-chevron-down icon-show"></i><i
        class="bx bx-chevron-up icon-close"></i></a>
    <div id="faq-list-5" class="collapse" data-parent=".faq-list">
        <p>
            Yes, we provide free support material for technical language.</p>
    </div>
</li>

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<div class="container footer-bottom clearfix">
    <div class="copyright">
        © Copyright <strong><span>TechnoXamm</span></strong>. All Rights Reserved
    </div>
    <div class="credits">
        <!-- All the links in the footer should remain intact. -->
        <!-- You can delete the links only if you purchased the pro version. -->
        <!-- Licensing information: https://bootstrapmade.com/license/ -->
        <!-- Purchase the pro version with working PHP/AJAX contact form: https://bootstrapmade.com/arsha-free-bootstrap-h
        Designed by <a href="#">TechnoXamm Team</a>
    </div>
</div>
<a href="#" class="back-to-top "><i class="ri-arrow-up-line "></i></a>
<div id="preloader "></div>

<!-- Vendor JS Files -->
<script src="assets/vendor/jquery/jquery.min.js "></script>
<script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js "></script>
<script src="assets/vendor/jquery.easing/jquery.easing.min.js "></script>
<script src="assets/vendor/php-email-form/validate.js "></script>
<script src="assets/vendor/waypoints/jquery.waypoints.min.js "></script>
<script src="assets/vendor/isotope-layout/isotope.pkgd.min.js "></script>
<script src="assets/vendor/venobox/venobox.min.js "></script>
<script src="assets/vendor/owl.carousel/owl.carousel.min.js "></script>
<script src="assets/vendor/aos/aos.js "></script>

<!-- Template Main JS File -->
<script src="assets/js/main.js "></script>

</body>
</html>
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(contact-us.ejs) X
backend > views > contact-us.ejs > html > body > main#main > section#contact .contact. > div.container. > div.row. > div.col-lg-5.d-flex.align-items-stretch.
246           <a href="#services">Training</a>
247           </li>
248           <!-- <li><i class="bx bx-chevron-right"></i> <a href="#">Graphic Design</a></li> -->
249           </ul>
250       </div>
251
252       <div class="col-lg-3 col-md-6 footer-links">
253           <h4>Our Social Networks</h4>
254           <p>Stay updated to every event and opportunity by connecting with us.</p>
255           <div class="social-links mt-3">
256               <a href="https://twitter.com/TechnoXamm" class="twitter"><i class="bx bxl-twitter"></i></a>
257               <a href="https://www.instagram.com/technoxamm/" class="instagram"><i class="bx bxl-instagram"></i></a>
258               <a href="https://www.linkedin.com/in/technoxamm-860bb5215/" class="linkedin"><i class="bx bxl-linkedin"></i></a>
259           </div>
260       </div>
261
262   </div>
263 </div>
264 </div>
265
266 <div class="container footer-bottom clearfix">
267     <div class="copyright">
268         &copy; Copyright <strong><span>TechnoXamm</span></strong>. All Rights Reserved
269     </div>
270     <div class="credits">
271         <!-- All the links in the footer should remain intact. -->
272         <!-- You can delete the links only if you purchased the pro version. -->
273         <!-- Licensing information: https://bootstrapmade.com/license/ -->
274         <!-- Purchase the pro version with working PHP/AJAX contact form: https://bootstrapmade.com/
275             arsha-free-bootstrap-html-template-corporate/ -->
276         Designed by <a href="#">TechnoXamm Team</a>
277     </div>
278 </div>
279 </footer>
280 <a href="#" class="back-to-top "><i class="ri-arrow-up-line "></i></a>
<div id="preloader "></div>

```

```

◊ contact-us.ejs ×
backend > views > ◊ contact-us.ejs > ⚒ html > ⚒ body > ⚒ main#main > ⚒ section#contact .contact. > ⚒ div.container. > ⚒ div.row. > ⚒ div.col-lg-5.d-flex.align-items-stretch.
1   <!DOCTYPE html>
2   <html lang="en">
3
4   <head>
5     <meta charset="utf-8">
6     <meta content="width=device-width, initial-scale=1.0" name="viewport">
7
8     <title>TechnoXamm</title>
9     <link rel="icon" type="image/png" href="assets/img/team/txexam.png">
10    <meta content="" name="description">
11    <meta content="" name="keywords">
12
13    <!-- Favicons -->
14    <!-- <link href="assets/img/favicon.png" rel="icon">
15    <link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon"> -->
16
17    <!-- Google Fonts -->
18    <link href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Jost:300,300i,400,400i,500,500i" rel="stylesheet">
19
20    <!-- Vendor CSS Files -->
21    <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
22    <link href="assets/vendor/icofont/icofont.min.css" rel="stylesheet">
23    <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
24    <link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
25    <link href="assets/vendor/venobox/venobox.css" rel="stylesheet">
26    <link href="assets/vendor/owl.carousel/assets/owl.carousel.min.css" rel="stylesheet">
27    <link href="assets/vendor/aos/aos.css" rel="stylesheet">
28
29    <!-- Template Main CSS File -->
30    <link href="assets/css/style.css" rel="stylesheet">
31
32    <!-- ===== -->
33  ===== -->
34 </head>
35
36 <body>
37   <header id="header" class="fixed-top ">

```

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◊ contact-us.ejs ×
backend > views > ◊ contact-us.ejs > ⚒ html > ⚒ body > ⚒ main#main > ⚒ section#contact .contact. > ⚒ div.container. > ⚒ div.row. > ⚒ div.col-lg-5.d-flex.align-items-stretch.
36   <body>
37     <header id="header" class="fixed-top ">
38       <div class="container d-flex align-items-center">
39         <!-- <h1 class="logo mr-auto">
40           |   <a href="/">TechnoXamm</a>
41         </h1> -->
42
43
44
45       <a class="navbar-brand" href="/">
46         |   
47       </a>
48
49
50       <nav class="nav-menu d-none d-lg-block">
51         <ul>
52           <li class="active"><a href="/">Home</a></li>
53           <li><a href="/about-us">About</a></li>
54           <li class="drop-down">
55             <a href="">Study Material</a>
56             <ul>
57               <li class="drop-down"><a href="#">Notes</a>
58                 <ul>
59                   <li>
60                     <a href="assets/notes/C_Notes.pdf">C</a>
61                     <a href="assets/notes/C++_Notes.pdf">C++</a>
62                     <a href="assets/notes/java_programming_technoxamm.pdf">Java</a>
63                     <a href="assets/notes/Python_Notes.pdf">Python</a>
64                     <a href="assets/notes/HTML_Basic_Notes_TechnoXamm.pdf">HTML</a>
65                   </li>
66                   <!-- <li><a href="#">Deep Drop Down 2</a></li> -->
67                 </ul>
68               </li>
69             <li class="drop-down">
70               <a href="#">Sample Paper</a>
71             <!-- <li><a href="#">Deep Drop Down 3</a></li> -->
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(contact-us.ejs) X
backend > views > contact-us.ejs > html > body > main#main > section#contact .contact. > div.container. > div.row. > div.col-lg-5.d-flex.align-items-stretch
69          </li>
70          <li class="drop-down">
71              <a href="#">Sample Paper</a>
72              <ul>
73                  <li><a href="assets/notes/C Basics Sample Questions.pdf">C Sample Papers</a></li>
74                  <li><a href="assets/notes/C++ Basics Sample Questions-converted-.pdf">C++ Sample Papers</a></li>
75                  <li><a href="assets/notes/Java Basics Sample Questions.pdf">JAVA Sample Papers</a></li>
76                  <li><a href="assets/notes/Python Basics Sample Questions.pdf">Python Sample Papers</a></li>
77
78          </ul>
79      </li>
80      <!-- <li><a href="#">Drop Down 3</a></li>
81          <li><a href="#">Drop Down 4</a></li> -->
82      </ul>
83  </li>
84  <!-- <li><a href="#team">Team</a></li> -->
85  <li class="drop-down"><a href="#">Community</a>
86      <ul>
87          <li>
88              <a href="https://t.me/technoxamm">Join Now</a>
89          </li>
90          <!-- <li class="drop-down"><a href="#">Deep Drop Down</a>
91              <ul>
92                  <li><a href="#">Deep Drop Down 1</a></li>
93                  <li><a href="#">Deep Drop Down 2</a></li>
94                  <li><a href="#">Deep Drop Down 3</a></li>
95                  <li><a href="#">Deep Drop Down 4</a></li>
96                  <li><a href="#">Deep Drop Down 5</a></li>
97              </ul>
98          </li>
99          <li><a href="#">Drop Down 2</a></li>
100         <li><a href="#">Drop Down 3</a></li>
101         <li><a href="#">Drop Down 4</a></li> -->
102     </ul>
103  </li>
104  <li><a href="/contact-us">Contact</a></li>
```

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◊ contact-us.ejs ×
backend > views > ◊ contact-us.ejs > ◊ html > ◊ body > ◊ main#main > ◊ section#contact_contact. > ◊ div.container. > ◊ div.row. > ◊ div.col-lg-5.d-flex.align-items-stretch.
103
104           </li>
105           <li><a href="/contact-us">Contact</a></li>
106       </ul>
107     </nav>
108     <!-- .nav-menu -->
109
110     <!-- <a href="#about" class="get-started-btn scrollto">Get Started</a> -->
111   </div>
112 </header>
113 <main id="main">
114   <section id="contact " class="contact ">
115     <div class="container " data-aos="fade-up ">
116
117       <div class="section-title ">
118         <h2>Contact</h2>
119         <p>Feel free to ask your queries and doubts regarding any issues. Stay connected with us through the  

120             Following social platform for regular updates and counter for enhance your skill set.</p>
121       </div>
122
123       <div class="row ">
124
125         <div class="col-lg-5 d-flex align-items-stretch ">
126           <div class="info ">
127             <div class="address ">
128               <i class="icofont-google-map "></i>
129               <h4>Location:</h4>
130               <p>Remote- Online Platform (All Over India)</p>
131             </div>
132
133             <div class="email ">
134               <i class="icofont-envelope "></i>
135               <h4>Email:</h4>
136               <p>technoxamm@gmail.com</p>
137             </div>
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(contact-us.ejs) ×

backend > views > contact-us.ejs > html > body > main#main > section#contact .contact. > div.container. > div.row. > div.col-lg-5.d-flex.align-items-stretch.
191   </main>
192   <footer id="footer">
193
194     <div class="footer-newsletter">
195       <div class="container">
196         <div class="row justify-content-center">
197           <div class="col-lg-6">
198             <h4>Join Our Newsletter</h4>
199             <p>Stay connected to latest updates and events by being a part of Technoxammians Community.</p>
200             <form action="contact-us" method="post">
201               <input type="email" name="email"><input type="submit" value="Subscribe">
202             </form>
203           </div>
204         </div>
205       </div>
206     </div>
207
208     <div class="footer-top">
209       <div class="container">
210         <div class="row">
211
212           <div class="col-lg-3 col-md-6 footer-contact">
213             <h3>TechnoXamm</h3>
214             <p>
215               Remote- Online Platform (All Over India)<br>
216               <strong>Phone:</strong>
217               <a href="tel:+91 7667141102">+91 7667141102</a><a href="tel:+91 7087679566">+91 7087679566</a><br>
218               <strong>Email:</strong>technoxamm@gmail.com<br>
219             </p>
220           </div>
221
222           <div class="col-lg-3 col-md-6 footer-links">
223             <h4>Useful Links</h4>
224             <ul>
225               <li><i class="bx bx-chevron-right"></i> <a href="#">Home</a></li>

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↳ contact-us.ejs ×
backend > views > contact-us.ejs > html > body > main#main > section#contact .contact. > div.container. > div.row. > div.col-lg-5.d-flex.align-items-stretch.
210         <div class="row">
211
212             <div class="col-lg-3 col-md-6 footer-contact">
213                 <h3>TechnoXamm</h3>
214                 <p>
215                     Remote- Online Platform (All Over India)<br>
216                     <strong>Phone:</strong>
217                     <a href="tel:+91 7667141102">+91 7667141102</a><a href="tel:+91 7087679566">+91 7087679566</a><br>
218                     <strong>Email:</strong>technoxamm@gmail.com<br>
219                 </p>
220             </div>
221
222             <div class="col-lg-3 col-md-6 footer-links">
223                 <h4>Useful Links</h4>
224                 <ul>
225                     <li><i class="bx bx-chevron-right"></i> <a href="#">Home</a></li>
226                     <li><i class="bx bx-chevron-right"></i> <a href="/about-us">About us</a></li>
227                     <li><i class="bx bx-chevron-right"></i> <a href="#services">Services</a></li>
228                     <li><i class="bx bx-chevron-right"></i>
229                         | <a href="#faq">FAQs</a>
230                     </li>
231                     <li><i class="bx bx-chevron-right"></i> <a href="/contact-us">contact Us</a></li>
232                 </ul>
233             </div>
234
235             <div class="col-lg-3 col-md-6 footer-links">
236                 <h4>Our Services</h4>
237                 <ul>
238                     <li><i class="bx bx-chevron-right"></i> <a href="#services">Career Guidance</a></li>
239                     <li><i class="bx bx-chevron-right"></i>
240                         | <a href="#services">Study Material</a>
241                     </li>
242                     <li><i class="bx bx-chevron-right"></i>
243                         | <a href="#services">Test Series</a>
244                     </li>
245                     <li><i class="bx bx-chevron-right"></i>
246                         | <a href="#services">Training</a>
247
↳ contact-us.ejs ×
backend > views > contact-us.ejs > html > body > main#main > section#contact .contact. > div.container. > div.row. > div.col-lg-5.d-flex.align-items-stretch. > div.info.
269             </div>
270             <div class="credits">
271                 <!-- All the links in the footer should remain intact. -->
272                 <!-- You can delete the links only if you purchased the pro version. -->
273                 <!-- Licensing information: https://bootstrapmade.com/license/ -->
274                 <!-- Purchase the pro version with working PHP/AJAX contact form: https://bootstrapmade.com/arsha-free-bootstrap-html-template-corporate/ -->
275                 Designed by <a href="#">TechnoXamm Team</a>
276             </div>
277         </div>
278     </footer>
279     <a href="#" class="back-to-top "><i class="ri-arrow-up-line "></i></a>
280     <div id="preloader "></div>
281
282     <!-- Vendor JS Files -->
283     <script src="assets/vendor/jquery/jquery.min.js "></script>
284     <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js "></script>
285     <script src="assets/vendor/jquery.easing/jquery.easing.min.js "></script>
286     <script src="assets/vendor/php-email-form/validate.js "></script>
287     <script src="assets/vendor/waypoints/jquery.waypoints.min.js "></script>
288     <script src="assets/vendor/isotope-layout/isotope.pkgd.min.js "></script>
289     <script src="assets/vendor/venobox/venobox.min.js "></script>
290     <script src="assets/vendor/owl.carousel/owl.carousel.min.js "></script>
291     <script src="assets/vendor/aos/aos.js "></script>
292
293     <!-- Template Main JS File -->
294     <script src="assets/js/main.js "></script>
295
296     </body>
297
298 </html>

```

```
JS index.js  X
backend > JS index.js > ...
1 // EXPRESS SETUP
2
3 const express = require('express'); // import express package
4 const app = express();
5
6 const bodyParser = require('body-parser')
7 const path = require('path');
8
9 const connectDB = require("./app/config/database");
10
11 // const cors = require('cors'); //helps to connectivity for fetch the data to the database
12
13 // MIDDLEWARE
14
15 app.use(express.static(path.join(__dirname, 'public')));
16 app.set('views', path.join(__dirname, 'views'));
17 app.set('view engine', 'ejs')
18
19 app.use(express.json());
20 app.use(express.urlencoded({
21   extended: true
22 }));
23
24
25
26
27 // ROUTES
28 app.use("/", require("./app/routes/index"))
29
30 // SERVER
31 app.listen(3000 || process.env.PORT, () => {
32   console.log("Server Started on Port: " + (3000 || process.env.PORT))
33   connectDB()
34 })
35 }
```

## **CHAPTER 11**

### **TESTING**

#### **11.1 Testing Plan**

This project has been in its experimental phase with current five targeted schools and it is currently performing well in its initial days.

*These schools are*

**1 Lakshyshila Sr. Sec. School**

**2 Sai Public School**

**3 Aster Public School**

**4 Modern sr. sec. School**

## **CHAPTER 12**

### **CONCLUSIONS**

The entire project has been developed from the requirements to a complete system alongside evaluation and testing. The system developed have achieved its aim and objectives. The guide was happy with the overall performance of the system. However, though some challenges were encountered during implementation, they were addressed and implemented.

Also, future work and strategies on how to improve the system are further in this section.

## **CHAPTER 13**

### **FUTURE ENHANCEMENT**

The Startup "TechnoXAMM" has been done taking into consideration all the factors of SRS and without any major redundancy.

There are some aspects which can be further modified in future if the changes are required. The enhancements may be like we can add further and more subjects which will break the boundaries of Information technology and computer science.

And reach more and more targeted audience with great passion and encouragement.

## CHAPTER 14

### REFERENCES

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4. <https://code.org/educate/curriculum/elementary-school>
5. <https://www.codethecurriculum.com/>
6. <https://code.org/educate/curriculum/middle-school>
7. <https://code.org/educate/curriculum/elementary-school>
8. <https://www.kodable.com/schools-and-districts>
9. <https://www.tynker.com/school/coding-curriculum/>
10. <https://www.freecodecamp.org/news/how-we-created-a-free-coding-school-with-the-freecodecamp-curriculum/>