

**MINI PROJECT**  
**CSD 334**

**PROJECT REPORT**  
**GROUP 2**

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## **Abstract**

The aim of this project is to create a website for the Technology Business Incubator (TBI) cell of Government Engineering College Thrissur. This website is intended for showcasing the entrepreneurship undertakings and achievements, highlighting the workshops, projects and events conducted by TBI and to provide a platform to connect with the companies and mentors under TBI.

## **Introduction**

Technology Business Incubator (TBI) at GEC, Thrissur is planned to provide a springboard to budding entrepreneurs who wish to launch themselves into the world of technology-based business careers.

The Innovation center is designed to provide all the support to make business ventures successful.

In the Technology Business Incubator (TBI) bright ideas can be developed to a product or service using advanced technology solutions.

Government Engineering College Thrissur has signed a Memorandum of Understanding (MoU) with the Small Industries Development Bank of India (SIDBI).

The college has set up a Swavalamban Chair for MSME Solutions under the project SAHAS (SIDBI Assistance for Harnessing Aspiring Swavalambis) under Technology Business Incubator Cell.

The Expert Committee that manages the TBI is led by Mr. Ajay James, TBI Manager, and Mr. Muhammed Arif, the Project Manager and a dedicated team of expert faculty members, mentors and patrons.

# **Problem**

## **Background or context of the problem**

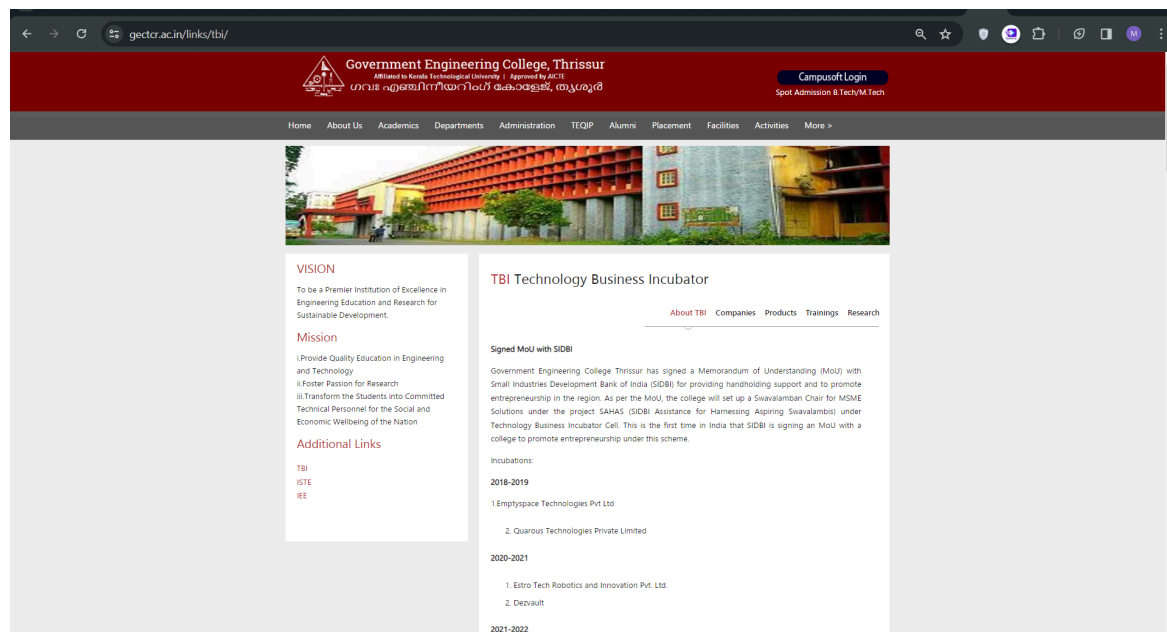
The Technology Business Incubator (TBI) cell is actively involved in providing the infrastructure and environment required for starting advanced technology business ventures through research, design, development and training activities.

The TBI presently does not have its own website. The GEC Thrissur website contains a web-page highlighting the achievements and prominent events by TBI.

The major drawbacks due to absence of an official website for TBI include :

- Activities undertaken by TBI fail to reach all students in the college and outside.
- Students are unaware about events and workshops conducted by TBI.
- Currently, there are no effective means for connecting with the mentors of TBI.
- The process of applying for incubation remains vague and can be done offline only.
- There is no platform to connect with the companies incubated at TBI.

**Existing solution :** Currently, TBI has a dedicated webpage within the GEC Thrissur official website. Given below is a preview of the same.



## **Formal definition of the problem**

The TBI cell of GEC Thrissur, although actively functioning in the college since (year), has fallen short in proper outreach and promotion of its various entrepreneurship fostering activities and skill development programs and ineffective communication channels with mentors and companies incubated in TBI.

## **Potential Users**

The potential users for the website may be :

1. The students of GEC Thrissur
2. Registered companies and entrepreneurs incubated at TBI
3. Mentors and Expert committee of TBI
4. Business ventures and MSMEs associated with TBI

## **Solution**

### **The idea**

To create an official website for TBI which fulfills all the objectives and requirements specified :

### **Requirements**

1. Create a simple website which is easy to update in future.
2. It should show the latest announcements, upcoming events, startups and companies.
3. A learning page and mentor networking.
4. Registration and application process for incubation within TBI and registration details made available online through the website.

### **Objectives**

1. Outreach of activities undertaken by TBI to all students in the college and outside.
2. Awareness about events and workshops conducted by TBI.
3. Effective means for connecting with the mentors of TBI.
4. Describe the process of applying for incubation and online application.
5. A platform to connect with the companies incubated at TBI.

# User Interface Diagram

A prototype UI diagram has been developed using Figma. It includes all the necessary components such as -



## About Us

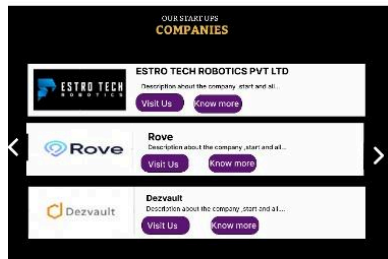
Government Engineering College, Thiruvananthapuram has signed a Memorandum of Understanding (MoU) with Small Industries Development Bank of India (SIDBI) for providing handholding support and to promote entrepreneurship in the region. As per the MoU, the college will set up a Specialized Clinic for SME Solutions under the project SARAS (SME) Assistance for Handholding Supporting Small Enterprises (SHASSE) under the project SARAS (SME) Assistance for Handholding Supporting Small Enterprises (SHASSE).

20+ Start ups

10+ Companies

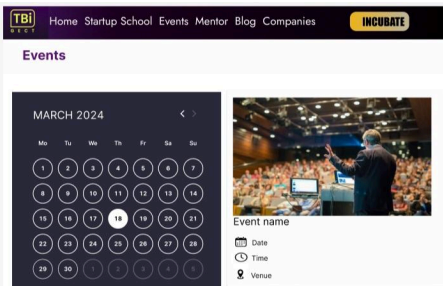
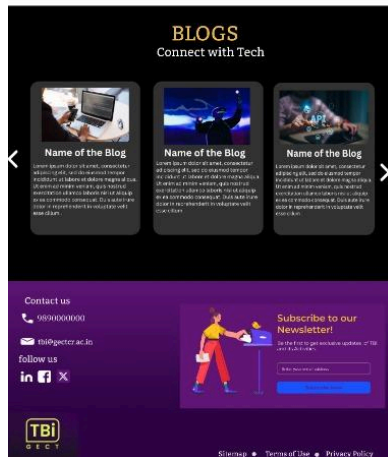
15+ Mentors

## FEATURES



## GALLERY

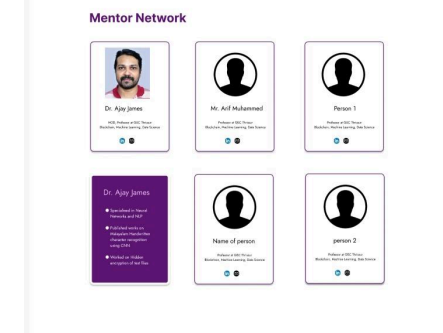
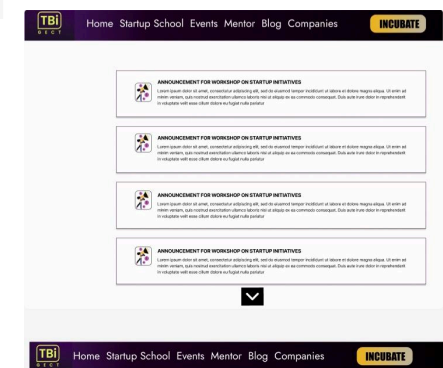
Take a glance...



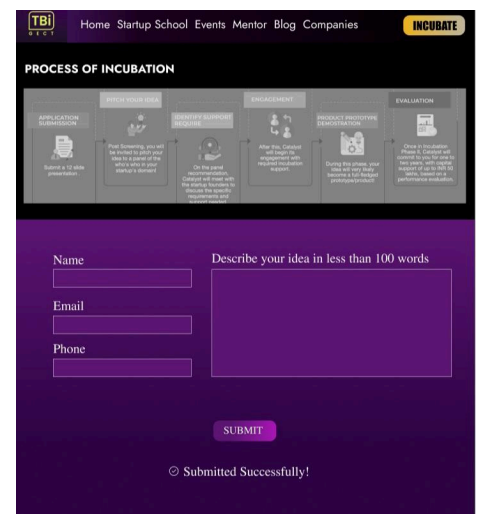
## Upcoming Events



## Past Events



- Home
- Events
- Announcements
- About Us
- Mentors
- Startup School
- Vision, Mission
- Objectives of TBI
- Newsletter
- Apply for Incubation



[Home](#)
[Startup School](#)
[Events](#)
[Mentor](#)
[Blog](#)
[Companies](#)

INCUBATE

STARTUP SCHOOL

Learning to be the best in the business

Video Tutorials

Expert Mentors

Study Material

Courses

Materials

**How to Build a Startup**  
CCF GEC THRISSUR  

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**Introduction to Startups and Innovation**  
TBI GEC THRISSUR  

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**Startup Funding - Financial Fundamentals**  
TBI GEC THRISSUR  

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[Home](#)
[Startup School](#)
[Events](#)
[Mentor](#)
[Blog](#)
[Companies](#)

INCUBATE

Statistics

Startup School

Gallery

Announcement

Start up school

Name

Thumbnail

## Gallery

Add new Photo +



Name and description of the image



Name and description of the image



Name and description of the image



## Statistics

Startup  
School

## Gallery

## Announcement

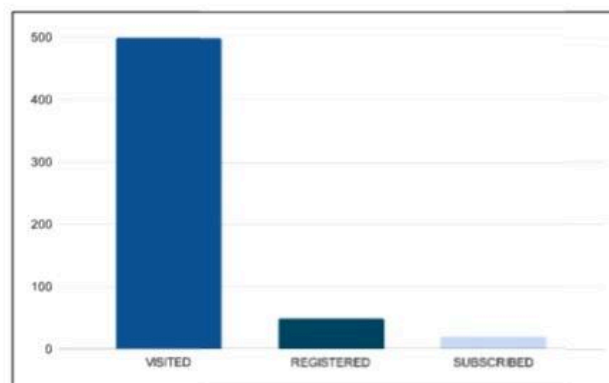
## Statistics

 Today

Visited  
500+

Incubatees  
10+

Subscribed  
5+

 Monthly Analytics

 Statistics

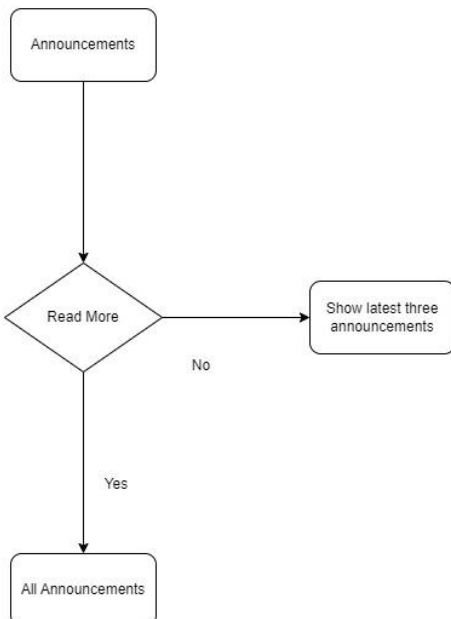
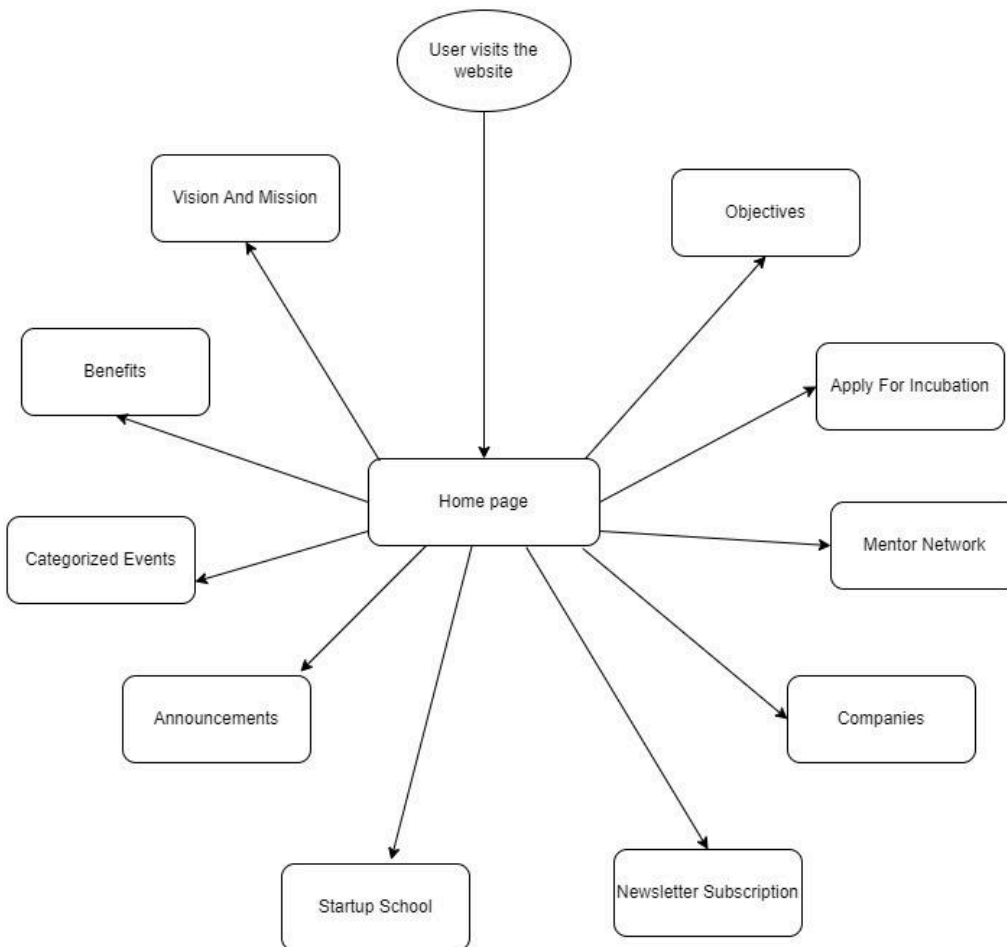
Startup  
School

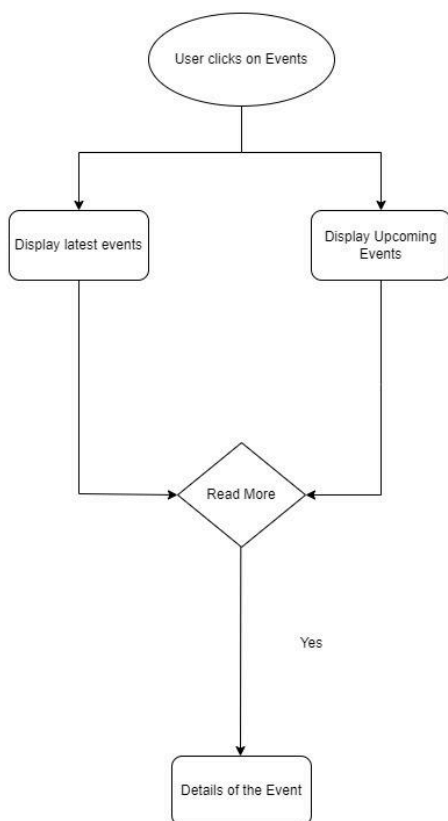
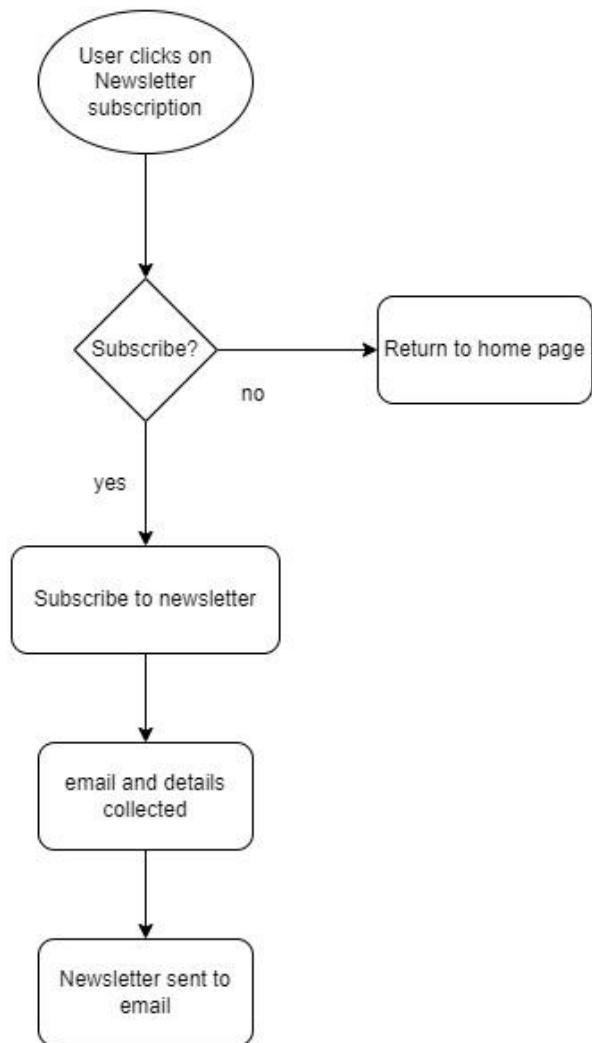
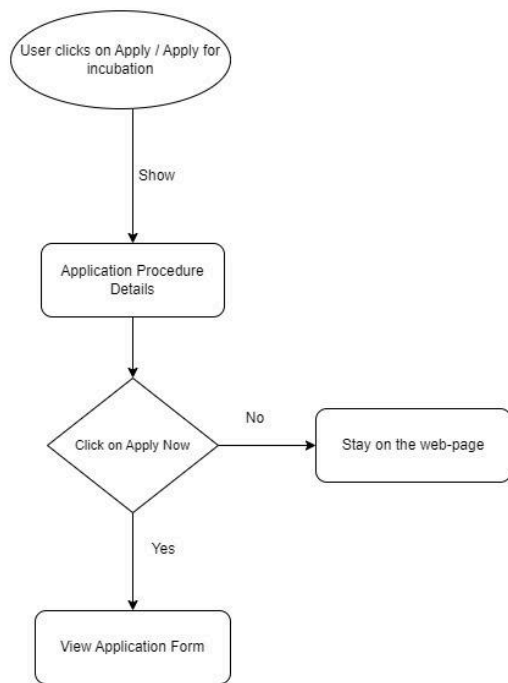
## Gallery

## Announcement

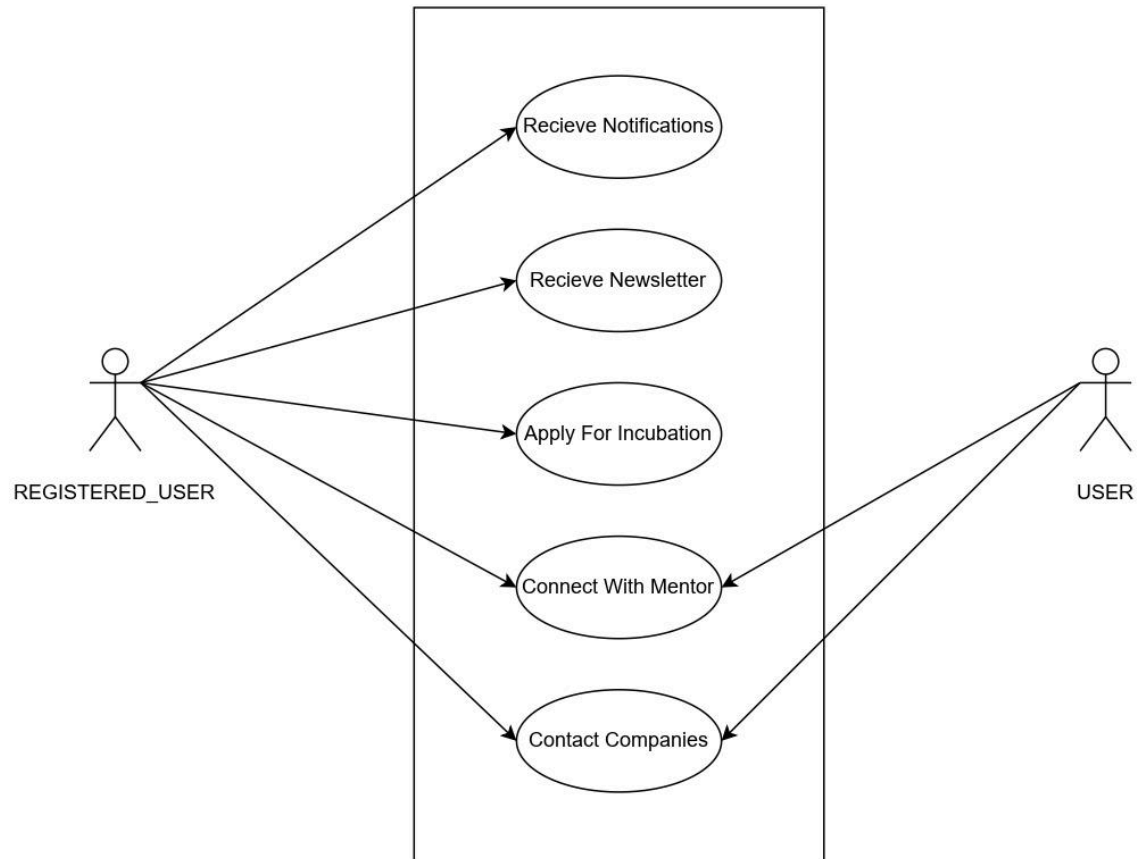


## Workflow Diagrams

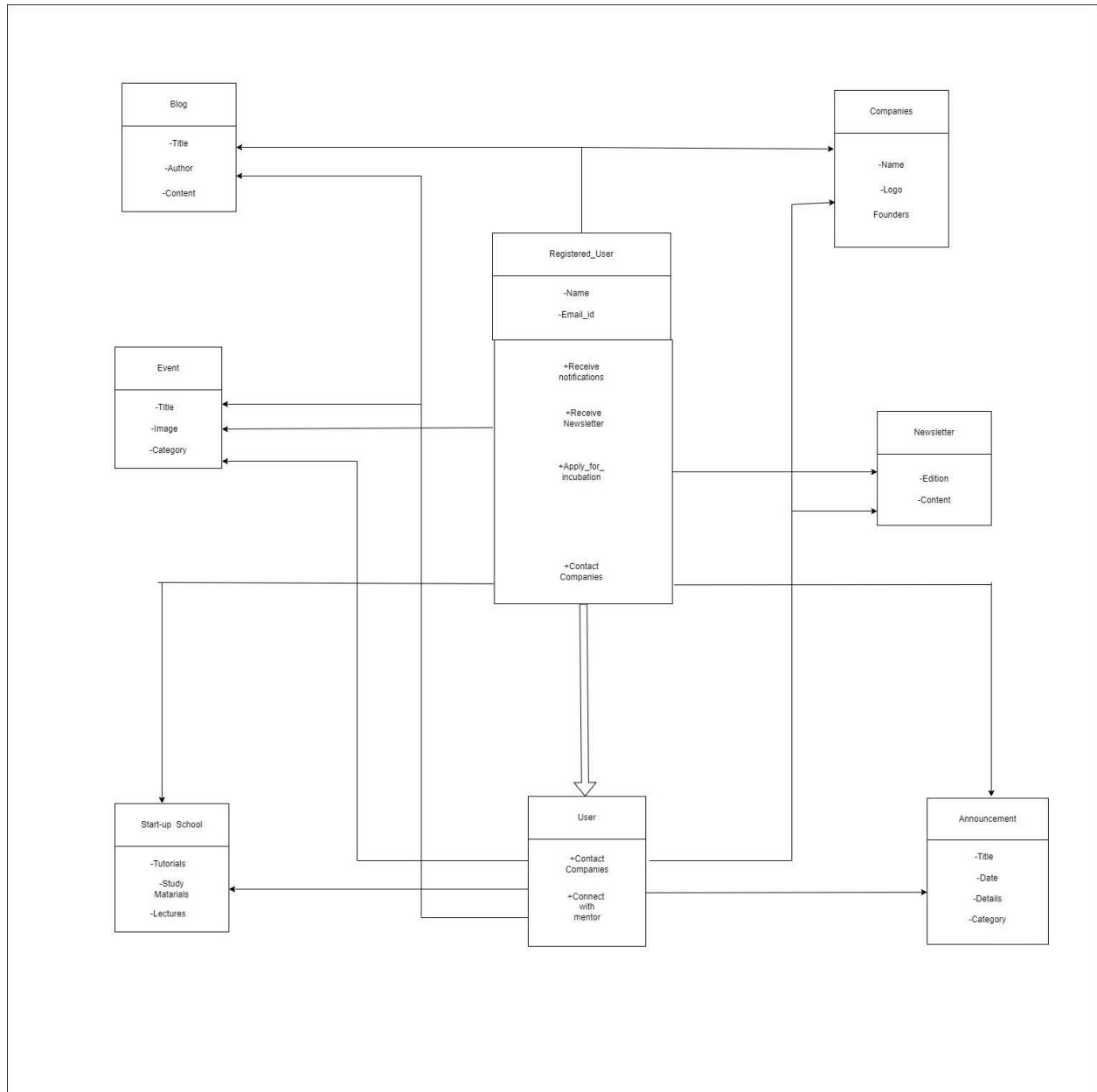




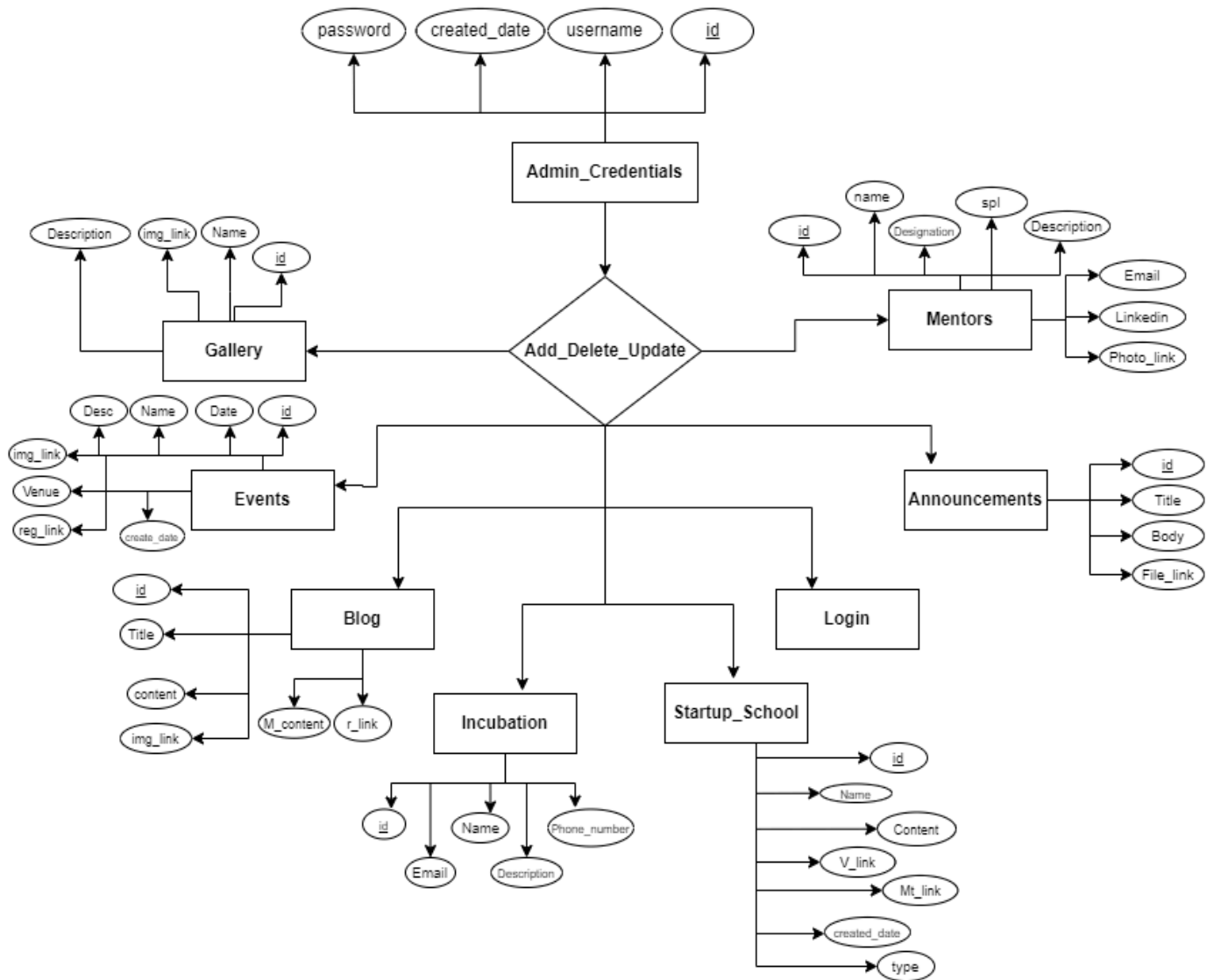
## Use Case Diagram



# Class Diagram



# Database Diagram



## Subscribers

id	integer
Name	varchar
Email	varchar