

PROJECT REPORT  
ON  
“College Corner”

Presented By: -

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20DIT095 – Raj Tejani

20DIT102 – Pritesh Vandra

Under the guidance of: -

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**DEPSTAR**

**A Report submitted to Charotar University of Science and  
Technology for partial fulfilment of the requirements for  
the 3<sup>rd</sup> Semester Software Group Project-I (IT251)**

**Submitted at:**



**CE/CSE/IT  
DEPSTAR**

**At:**

**Changa, Dist. Anand – 388421**

## CERTIFICATE

This is to certify that the report entitled “**COLLEGE CORNER**” is a bonafied work carried out by **Malav Patel(20DIT059)** under the guidance and supervision of **Prof. Radhika Patel** for the subject **Software Group Project (IT251)** of 3<sup>rd</sup> Semester of Bachelor of Technology in **Information Technology** at Devang Patel Institute of Advance Technology and Research (DEPSTAR), Faculty of Technology & Engineering (FTE) – CHARUSAT, Gujarat.

To the best of my knowledge and belief, this work embodies the work of candidate himself, has duly been completed, and fulfils the requirement of the ordinance relating to the B. Tech. Degree of the University and is up to the standard in the respect of content, preservation and language for being referred by the examiner(s).

Internal Guide,

Mrs. Radhika Patel  
Assistant Professor

DR. (Prof.) Amit Ganatra

Dean – Faculty of Technology & Engineering (FTE),

CHARUSAT, Changa, Gujarat

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This is to certify that the report entitled “**COLLEGE CORNER**” is a bonafied work carried out by **Raj Tejani(20DIT095)** under the guidance and supervision of **Prof. Radhika Patel** for the subject **Software Group Project (IT251)** of 3<sup>rd</sup> Semester of Bachelor of Technology in **Information Technology** at Devang Patel Institute of Advance Technology and Research (DEPSTAR), Faculty of Technology & Engineering (FTE) – CHARUSAT, Gujarat.

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## CERTIFICATE

This is to certify that the report entitled “**COLLEGE CORNER**” is a bonafied work carried out by **Pritesh Vandra(20DIT102)** under the guidance and supervision of **Prof. Radhika Patel** for the subject **Software Group Project (IT251)** of 3<sup>rd</sup> Semester of Bachelor of Technology in **Information Technology** at Devang Patel Institute of Advance Technology and Research (DEPSTAR), Faculty of Technology & Engineering (FTE) – CHARUSAT, Gujarat.

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# ACKNOWLEDGEMENT

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I express my sincere gratitude to **Prof. Radhika Patel**, Dept. of Information and technology engineering, at DEPSTAR-CHARUSAT, for his stimulating guidance, continuous encouragement and supervision throughout the present work.

I also wish to extend my thanks to other colleagues for continuous support and for their insightful comments and constructive suggestions to improve the quality of our project work.

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# ABSTRACT

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This website(**college corner**) is designed to help students for fetching varieties of materials. Which will be uniquely built so that all the students and teachers can deal with their work on a single platform.

Here the languages we used to built this website is php, html, css and javascript.

Current system and limitations of being a web developer is **must stay updated** the most required skill is to be getting updated as the new technologies comes frequently , **Issues with clients** clients changing the scope of the work usually at the last stage of development or usually slow to provide content , **compatibility issues** In some browsers some features are not compatible for example in mozilla firefox blur effect does not work, **complete optimization** It won't provide as optimized an experience as a dedicated mobile site.

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## **INTRODUCTION**

- This is the website we have made using web dev.
- Skills required for and web developer is proficient in HTML , CSS .
- Experience teaching web development.
- Here all type of materials professors can upload and we the students can access it using your charusat email id.
- Here we may assume that the live traffic on our website we may see the students and professors of charusat university
- Here the tools and technologies we used is html , css , javascript , php and the ide we used is vs code of Microsoft and we used xampp control panel for local host and my sql of php for database.

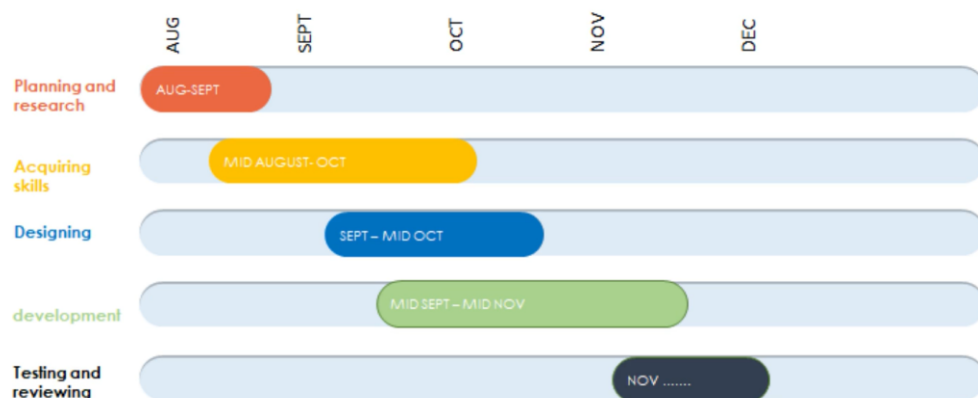


## Management and planning

Projected date of completion:- 11\_november\_2021

### Gant chart:

#### PROJECT DEFINATION AND PLANNING(GANTT CHART)



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- At the very first we three have discussed about making a web development project and so we started to see many of the youtube tutorials for design purpose and then we have decided to make a structure of the website .
- Then later on we seen many of the websites examples on google for inspiration of many of the transitions and animations.

- And later on we have started to divide the work in the form of studying the tech as we decided to see the youtube tutorials of channel called “code with harry” which we found were pretty decent in order to gain beginner level of web development skills .
- Then later on studied html and css from w3schools and then we started to make website and studying on the go also studied php and local host .
- So after the basic structure and animations were finished malav has combined the code of front end with that of backend end which took the major time in order of the total time taken to make this website.

### **System requirements**

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#### **Laptop/pc**

**Memory – 2GB ram**

**Processor-intel i3**

**Operating system - windows xp**

## **Internal HDD – 256 GB**

**Note: These are the minimum system requirements and the minimum benchmark to run this website smoothly.**



## **SYSTEM IMPLEMENTATION**

**The 7 steps of developing a website:**

### **1. Understanding the problem statement of we can say the definition of the project.**

The most crucial part of any web development process is understanding what the client wants. All the other subsequent steps are dependant on this step. If you don't get this step right, chances are you won't get the software right either.

### **2. Planning**

Now that you know what exactly needs to be developed and have a detailed BRD of the same, the next phase is project planning. Before the first line of code is written, it is of utmost importance to determine the tasks and manage the allocation of resources involved in the web application development.

### 3. Designing

A good design is not only about aesthetics, but it's also about user interaction. The design of your website is more critical for conversions than you think.

Once the wireframing and site architecture is in place, the designers start working towards visual elements.

In this step, designers start working on the visual brand. You can actually visualize how your website will look. The layout, the screens, buttons, headers and footers, navigation, photos, videos, and other visual elements are all added in this step of the website development process.

### 4. Development

Now that we have added flesh to the skeleton, it's time for the skeleton to function. At this stage, the developers start coding and transforms your static webpage into working software.

- i) **Front end development:** It is referred to as the “client-side” development. This is what users see and interact with on the browser. The user-interaction is of prime importance here.

The front end developers don't actually design the website but they are responsible for bringing the design to life. They take the static elements and transform them into fully functioning interactive websites.

- ii) **Back end development:** The portion of the website that is not visible to users. The backend communicates with the front-end and sends information to and fro so that users can interact with the website features.

The backend software developers make sure that all the business logic and data storage is properly implemented. Database creation and integration, API development and integration, Security checks, etc are all part of backend development.

## 5. Testing and deployment

Any software should always be thoroughly tested before deploying it in production so that your production environment is not threatened by bugs. So, having a proper, streamlined testing process is crucial.

A web application must be thoroughly tested before making it live. Testing is basically done to make sure there are no bugs or broken links and to make sure the web application is ready for launch.

ADV User acceptance, Beta testing, Functional and Performance Testing, White Box or Black box Testing are some of the many testing methods software development companies implement to test their work to eliminate bugs that might compromise product quality.

Once there is a go-ahead from the testers, the code is pushed to production. Make sure to meticulously re-test on production as well.

Always have a staging server backup so that if production is severely broken after deployment, they can use the backup to restore production.

## **6. Maintenance**

The web development process doesn't end with deployment. Software maintenance has a huge role to play in the complete web development process.

The purpose of software maintenance is modifying and updating software applications to correct bugs, enhance capacity and add features to improve the performance of the system.

Any updates, modifications, bug fixes, patches and developing additional features in order to increase the performance of existing software is incorporated in software maintenance.

ADV Ensure that if anything comes up, your software team fixes it right away. Any wrong information or outdated content leads to loss of potential client. Binaryfolks offer 90 days free bug support.



## **FUTURE ENHANCEMENTS**

We are going to make some of the future enhancements of course no project or website is perfect by the launch itself it becomes good by the reviews and the bugs found in the form of newer versions.

The enhancements may be like we may later on try to make it fully responsive that is solving the so called problem of media queries . and we may try to make the website look more better by adding some more transitions as we know all we do in the field of web designing is less only .

## **RISKS AND HURDLES**

There are some of the dangerous risks we as web developers should take into consideration is that is of losing all of your code or if you mistakenly delete the source file or can say html, css or php file.

Because deleting these files will make your progress of the project in serious danger and also there is some of the other risks like if mistakenly you had made the changes in the main source file and it affects the classes of the other file also (most probably in the case of css) then you may see the unpredicted changes in the website .

Let me tell about the real thing that happen to us is when I (Pritesh) was editing file of the css and suddenly what I see is the navigation bar of the website is missing and then it took almost 1.5-2 hrs to solve that error where the change is being made.

**So to avoid such type of mistakes you should have the backup of your source code in the form of let say google drive or personally I suggest is to make repository on github which will be beneficial to go to any of your previous commits and have the particular source code sorted by the date modified.**

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## **CONCLUSION**

So learning web development was actually fun and also in doing so we eventually practiced this skill that much that now if we are told to open a free lancing profile in order to meet the real life project expectations we may able to do it .

In this journey of learning and implementing the web development skills we may make the websites that is needed in today's IT field.



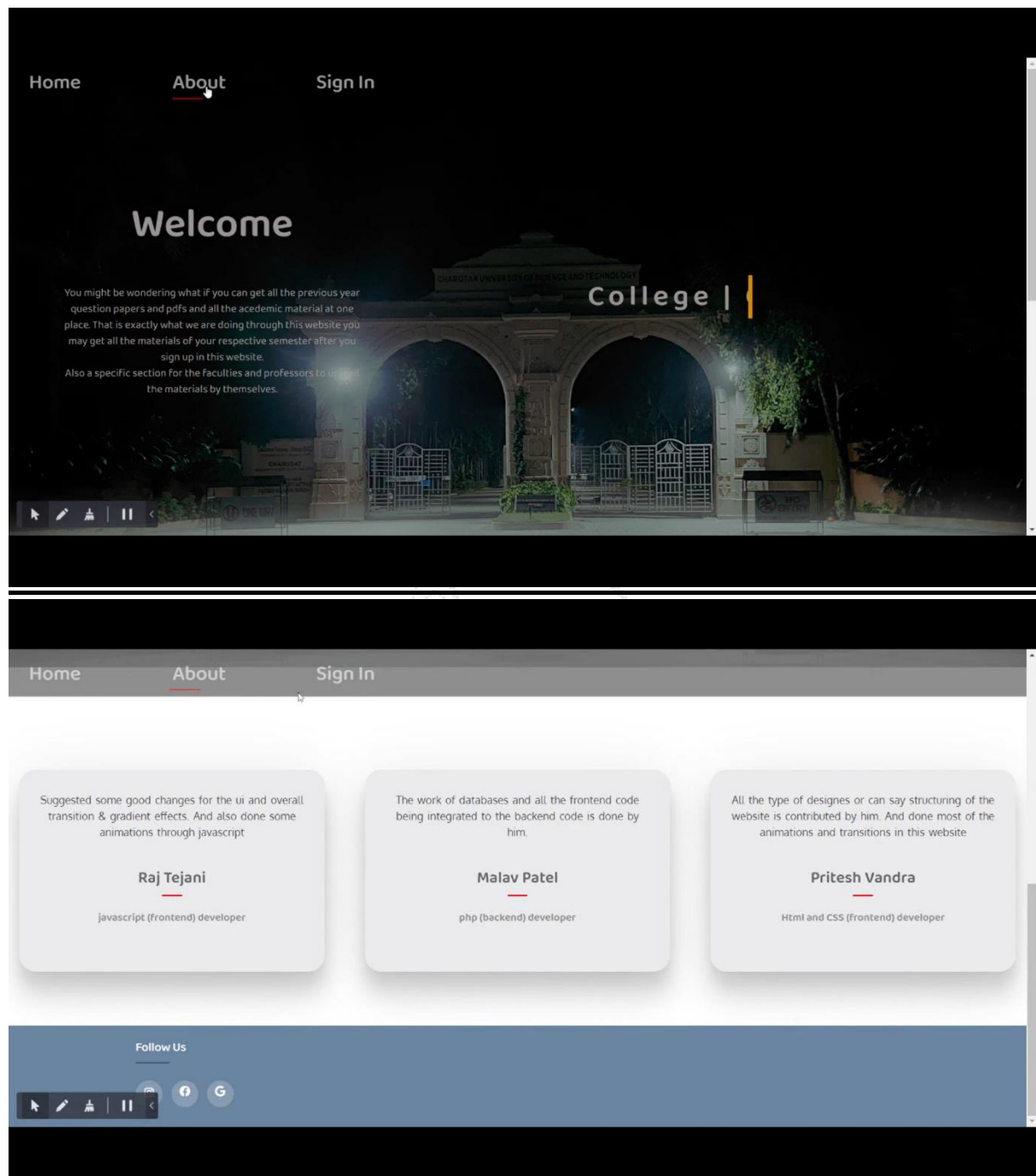
And at last I would say that it was not only just about a individual in our group learning a single topic but here we three of us would know that what is going on in the another section or the another section of tech.

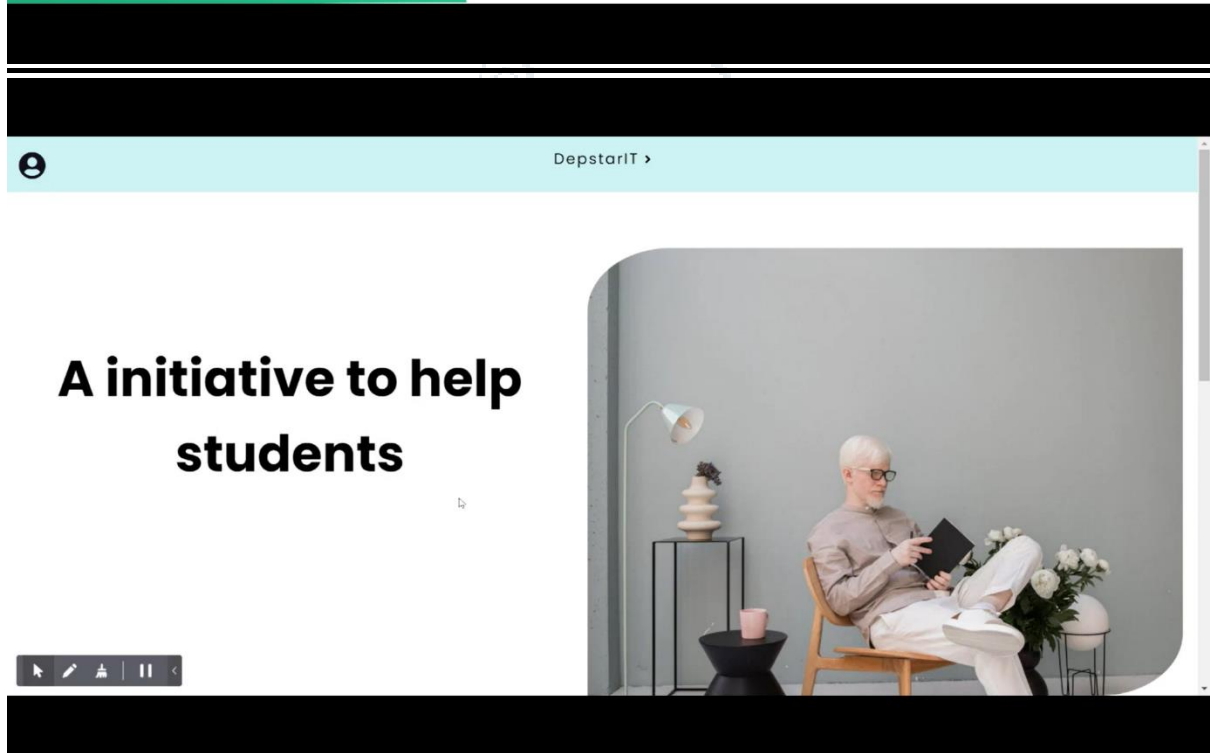
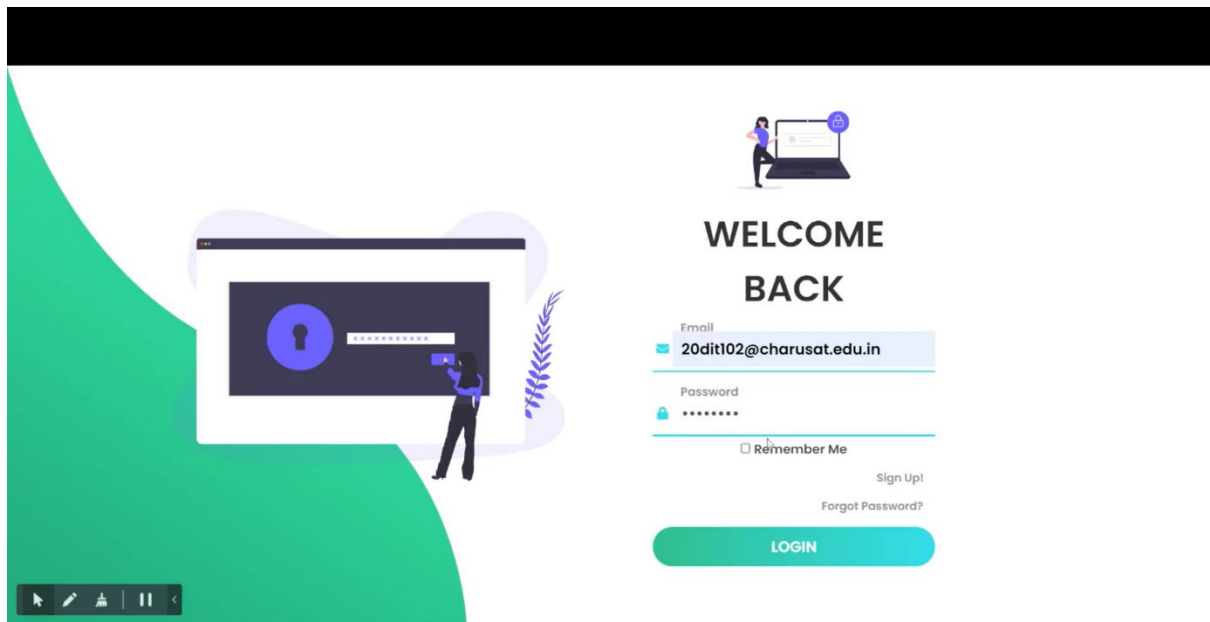


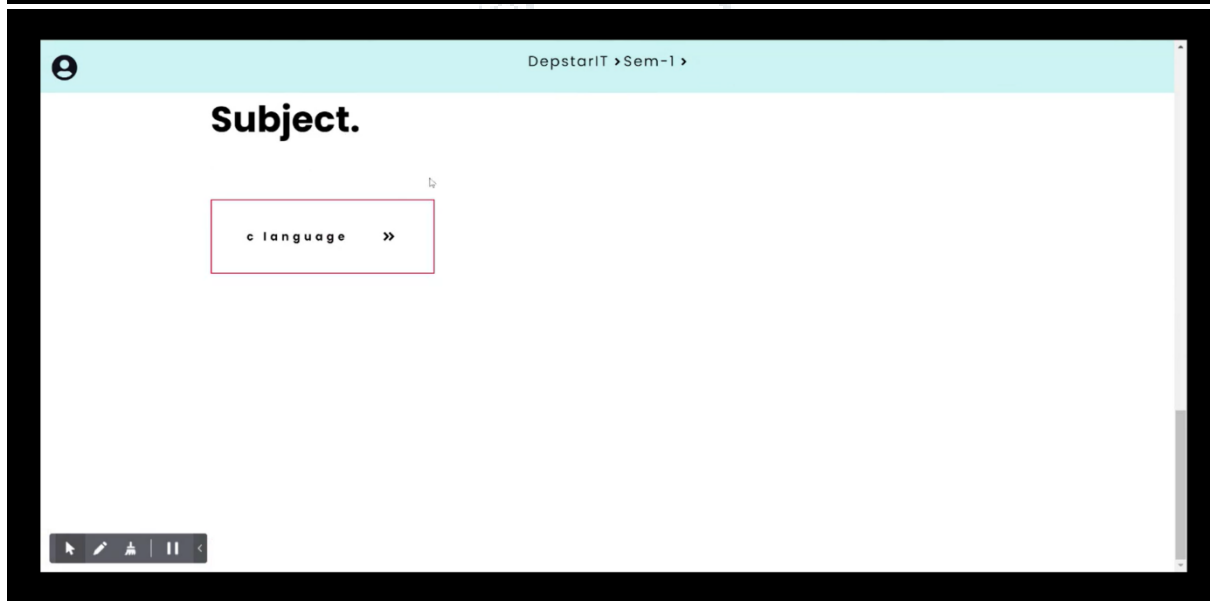
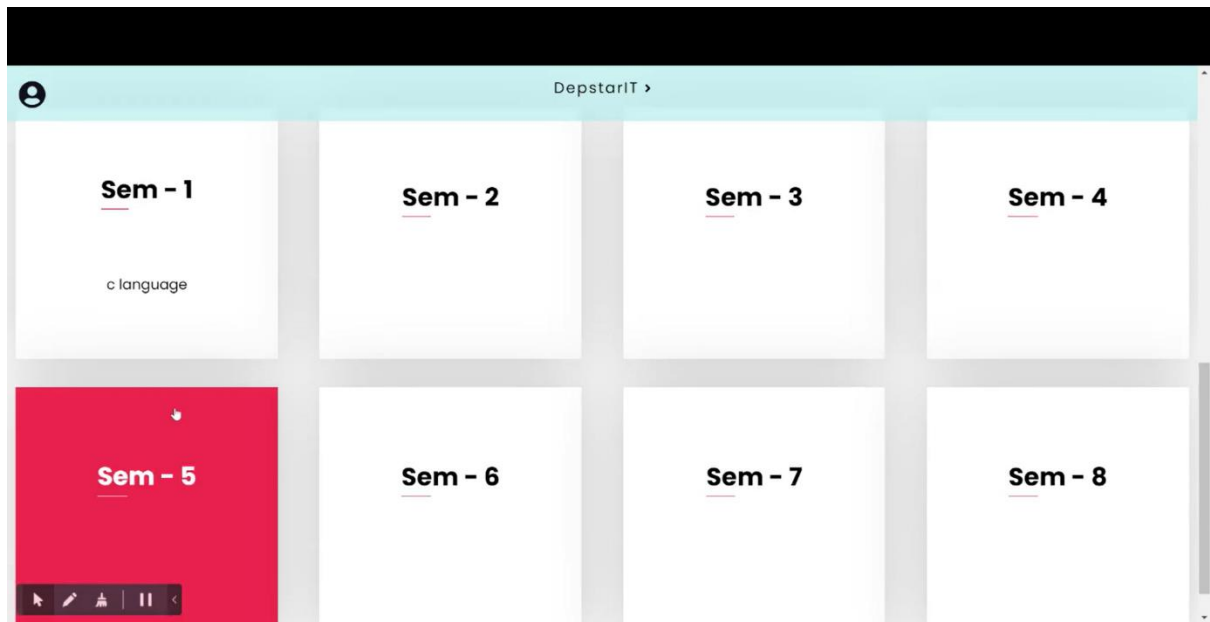
**SOME GLIMPSE OF OUR WEBSITE:**

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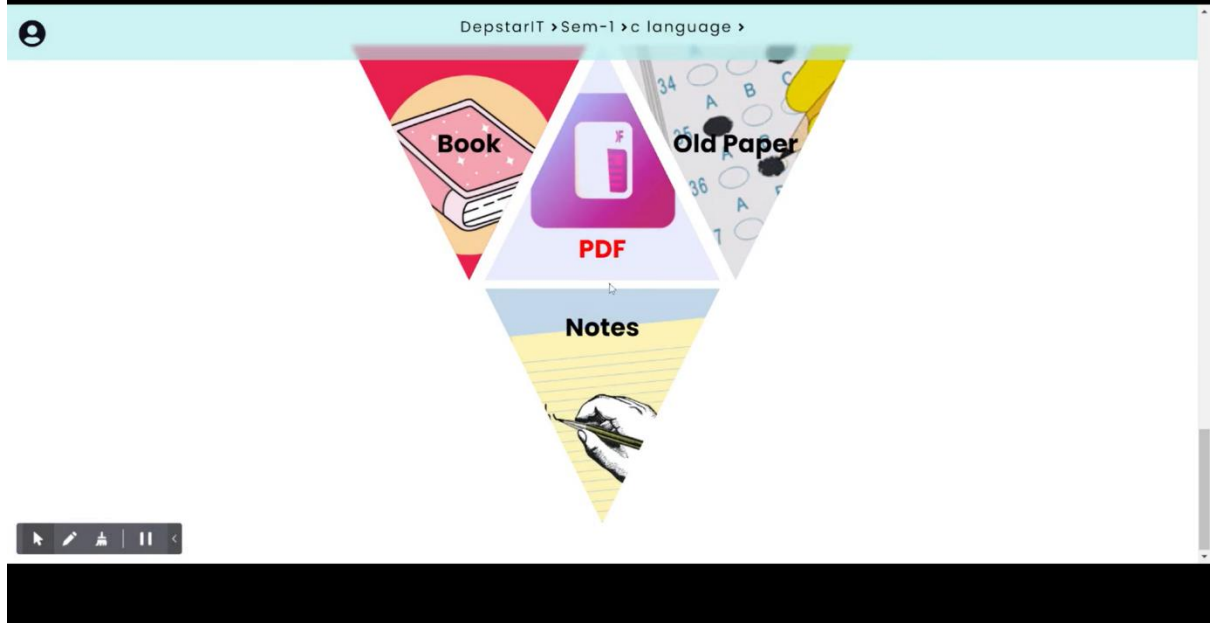


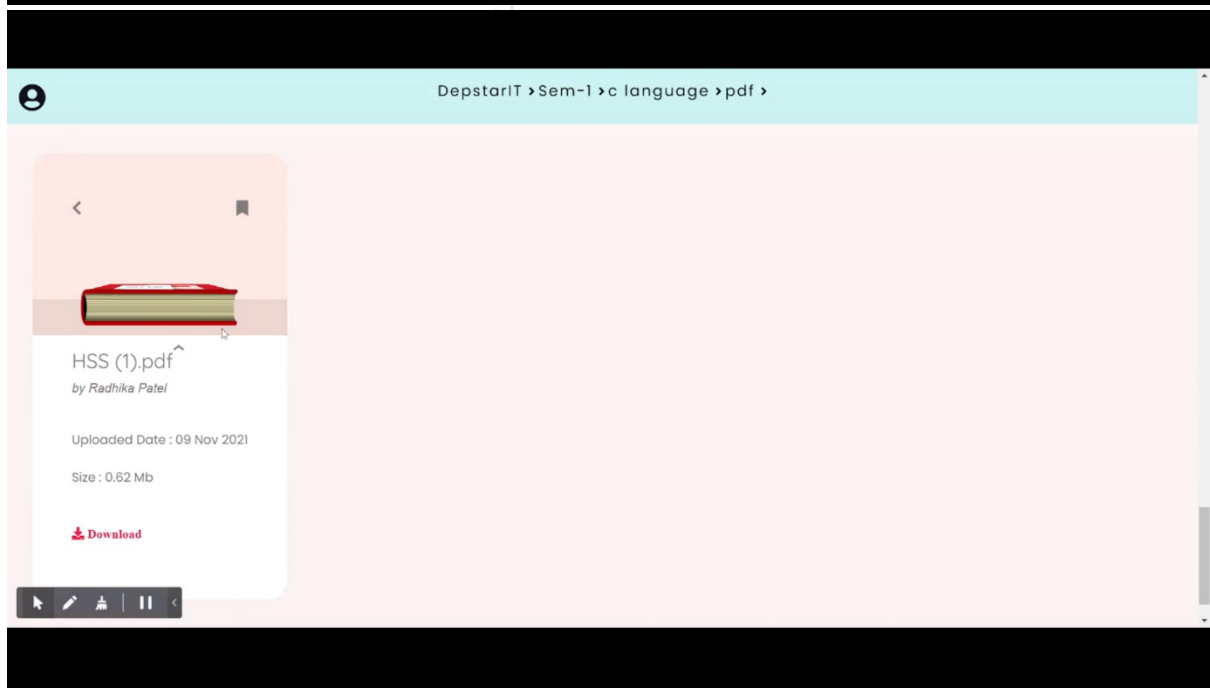


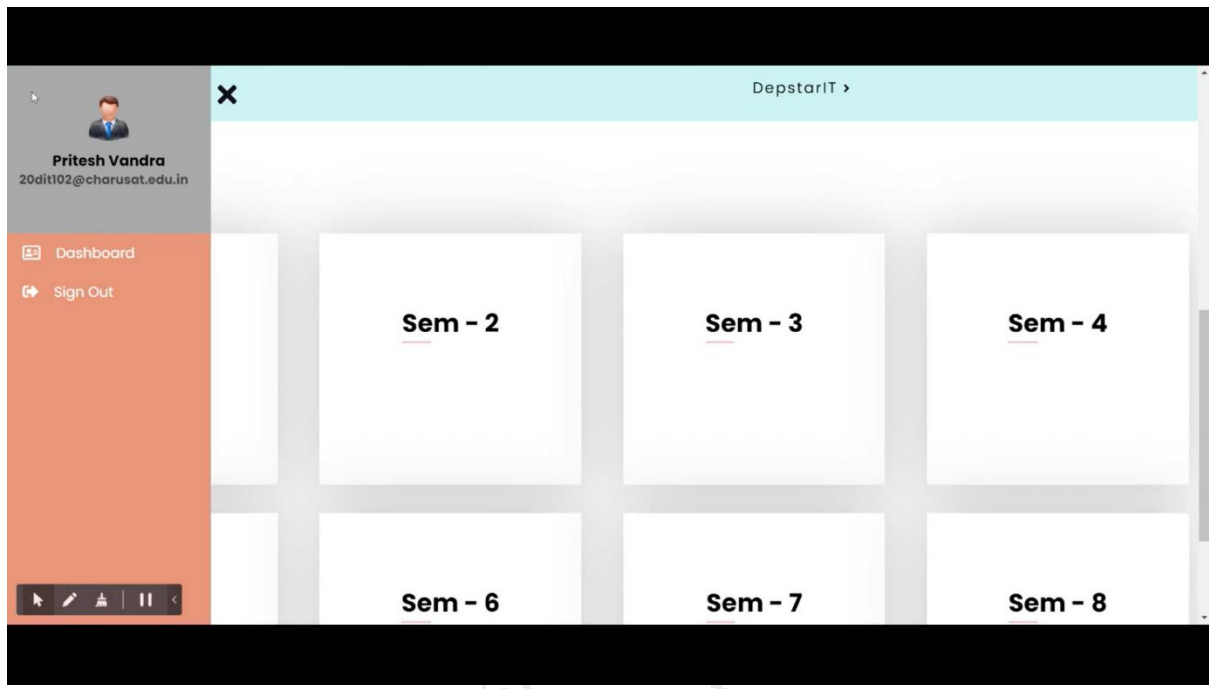




**Subject.**







  
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