

**A**  
**Summer Internship Report**  
**On**  
**"National Safety Day"**

(IT346 – Summer Internship - I)

**Prepared by**  
Aayush Parmar (21IT001)

**Under the Supervision of**  
Prof. Dhaval Patel

**Submitted to**  
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for Semester 5

**Submitted at**



**SMT. KUNDANBEN DINSHA PATEL DEPARTMENT OF  
INFORMATION TECHNOLOGY**

**Chandubhai S. Patel Institute of Technology (CSPIT)**  
**Faculty of Technology & Engineering (FTE), CHARUSAT**  
**At: Changa, Dist: Anand, Pin: 388421.**  
**August, 2023**



**Accredited with Grade A+ by NAAC**  
**Accredited with Grade A by KCG**

## CERTIFICATE

This is to certify that the report entitled “**National Safety Day Web Portal**” is a bonafied work carried out by **Aayush Parmar(21IT001)** under the guidance and supervision of **Prof. Dhaval Patel & Mr. Nirav Rana** for the subject **Summer Internship – I (IT346)** of 5<sup>th</sup> Semester of Bachelor of Technology in **Department of Information** at Chandubhai S. Patel Institute of Technology (CSPIT), 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 fulfills the requirement of the ordinance relating to the B.Tech. Degree of the University and is up to the standard in respect of content, presentation and language for being referred by the examiner(s).

Under the supervision of,

Prof. Dhaval Patel  
Assistant Professor  
Smt. Kundanben Dinsha Patel Department of  
Information Technology  
CSPIT, FTE, CHARUSAT, Changa, Gujarat

Mr. Pankaj S Tahiliani  
L&D Head  
RIL-DMD

Dr. Parth Shah  
Head of Department (IT)  
CHARUSAT, Changa, Gujarat.

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**Chandubhai S. Patel Institute of Technology (CSPIT)**  
**Faculty of Technology & Engineering (FTE), CHARUSAT**

At: Changa, Ta. Petlad, Dist. Anand, Pin: 388421. Gujarat.



18<sup>th</sup> June 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. Aayush Parmar** completed his Vocational training in **Reliance Industries Limited at Dahej Manufacturing Division.**

**Training Period** - 15.05.2023 to 18.06.2023  
**Project Name** - Web Portal on "National Safety Day"  
**Project Mentors** - Sh. Nirav Rana

During the course of the Project, we found **Mr. Aayush Parmar** as very sincere and hardworking.

We wish all the best for future.

**For Reliance Industries Ltd.,**

A handwritten signature in blue ink, appearing to read "Pankaj S. Tahiliani", written over a horizontal line.

**AUTHORISED SIGNATORY**

**Pankaj S Tahiliani**  
Learning & Development Head  
Reliance Industries Limited  
Dahej Manufacturing Division

## ACKNOWLEDGEMENT

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Yours Thankfully,  
Aayush Parmar(21IT001)  
Chandubhai.S.Patel Institute of Technology

## **ABSTRACT**

National Safety Day portal is the website having role-based login where quiz link, result link, posters, announcement for upcoming events or events on the particular day are hosted by the admin employee on the admin page of the website which will be reflected on the website directly to the rest of the employee. Reliance celebrates different days to make awareness about the day that is celebrated and to keep in mind. Reliance Industries Limited -Dahej Manufacturing Division celebrates the safety week in which they organize a quiz for the employee and announcement regarding the purpose which are declared on there portal/site.

The key to reduce the work of IT employees engaged in coding for the event every time when the event is going is ongoing or upcoming. A non-IT employee can even handle the events contents that are to be posted while an ongoing event or upcoming event.

## DESCRIPTION OF COMPANY

Reliance Industries Ltd. is an Indian multinational conglomerate company, headquartered in Mumbai. It has diverse businesses including energy, petrochemicals, natural gas, retail, telecommunications, mass media, and textiles. Reliance is one of the most profitable companies in India, the largest publicly traded company in India by market capitalization and the largest company in India as measured by revenue. It is also one of the largest employers in India, with over 300,000 employees in the world.

The company is ranked 100th on the Fortune Global 500 list of the world's biggest corporations as of 2022. Reliance continues to be India's largest exporter, accounting for 7% of India's total merchandise exports and it has access to markets in over 100 countries. Reliance is responsible for almost 5% of the Government of India's total revenue from customs and excise duty. It is also the highest income tax payer in the private sector in India. The company has relatively little free cash flow and high corporate debt.

The IT Department at Reliance Industries Limited, Dahej Manufacturing Division consists of the following domains:

- Applications and Automations
- Information Risk Management(IRM)
- Data Centre Management Service (DCMS)
- Network Management Services (NMS)
- Telecom Management Services (TMS)
- End User Support Services (EUSS)

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## **CHAPTER 1: PROJECT DEFINITION**

### **1.1 PROJECT DEFINATION**

Reliance Industries Ltd. celebrates the days present in the calendar year. One of is the National Safety day through their portal. Create admin and user-based portal, where admin can host the quiz and provide some relevant links to the event and the quiz result, have some announcement regarding the different event happening going to happen at a particular week, admin can change the alter the banner on the dashboard.

## **CHAPTER 2: DESCRIPTION**

### **2.1 DESCRIPTION**

- Every time at the time of event, Coding has to be done again or observe the code and made the necessary changes which can be reduce by giving role of an admin by hanging their role as admin in database.
- It is user and admin base login system where changes functionality is given to the admin for various purposes.
- All users can excess to the content uploaded by the user on the portal but as user can not alter anything.
- Admin can provide relevant data and share information on portal which will be reflected to every user.
- Links can be provided for different purpose such to keep updated and it can be deleted it as well. Link is of some ongoing quiz link or some related blogs or of any file or result link as well.
- Then any announcement can also be uploaded on the announcement section regarding the event and uploads.
- Admin can change the banner in banner section which can be reflected on the dashboard. He can add, delete and edit those banners.
- In user module he/she can only access to the material uploaded on timely manner by the admin, and browse through other tabs in it.

## **CHAPTER 3: SOFTWARE AND HARDWARE REQUIREMENT**

### **3.1 SOFTWARE REQUIREMENTS**

- Visual Studio Code as the text editor.
- phpMyAdmin for connecting databases to websites.
- XAMPP Server as a localhost.(when run locally)
- Google Chrome Browser/ Or any other browser.

### **3.2 HARDWARE REQUIREMENTS**

- Laptop/PC
- Memory: 4 GB RAM
- Processor: 5th Gen Intel Core i5
- Operating System: Windows 10
- Internal Hard disk: 1 TB Hard disk
- When hosted it need proper Internet connection

## **CHAPTER 4: MAJOR FUNCTIONALITY**

### **4.1 MAJOR FUNCTIONALITY**

- National safety Day Portal has role-based login for employees.
- The Key to reduce the work of IT employees engaged in coding for the event every time when the event is ongoing or upcoming.
- A non-IT employee can even handle the event contents that are to be posted while an ongoing event or upcoming event.
- Admins can change the data and while users can access it.
- Different role-based login is there so admin login transfers the data to the admin panel and user-based login transfers to the user panel.
- Users can directly access links of the medical benefits that reliance provides to their employees for more information and form links.
- Users can see the posters, announcements done in the announcements section and can get links for Quiz and Results in their related section.
- Admin can upload and delete the data from Quiz Section, Announcements Section, Results Section, and Banner Section.
- Responsive Design: The application adapts to different screen size, ensuring a consistent and enjoyable user experience on various devices, Including desktops, tablets and smartphones

## CHAPTER 5: FLOWCHART

### (GRAPHICAL REPRESENTATION OF FLOWCHART)

#### 5.1 FLOWCHART

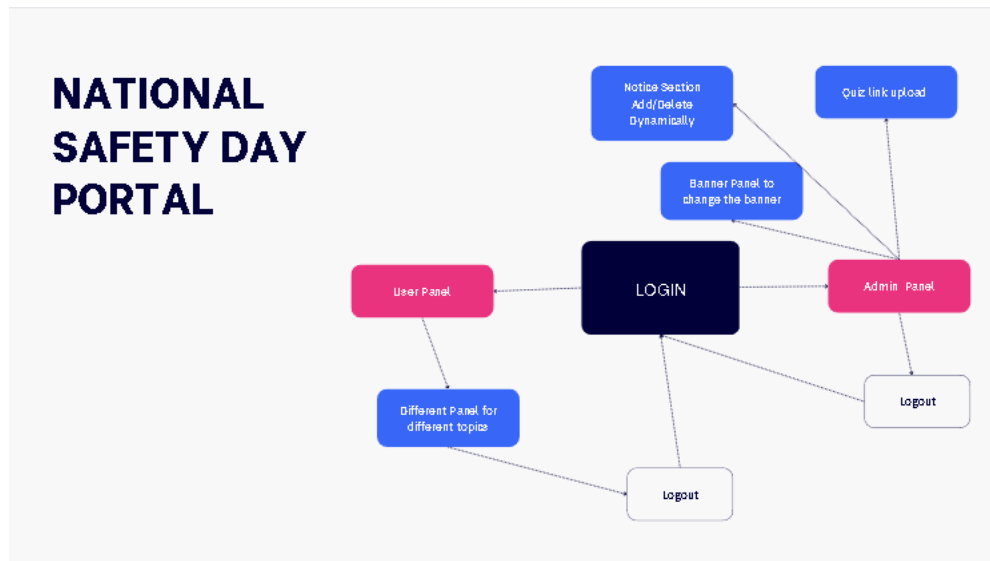


Figure 5.1.1 Flow of System

## CHAPTER 6: IMPLEMENTATION

### 6.1 IMPLEMENTATION

- When you visit the page then there will be Login Page to log in. It will be by default the normal user dashboard.
- After Login there will be a dashboard where the banner for the events or cause will be shown and changed automatically.

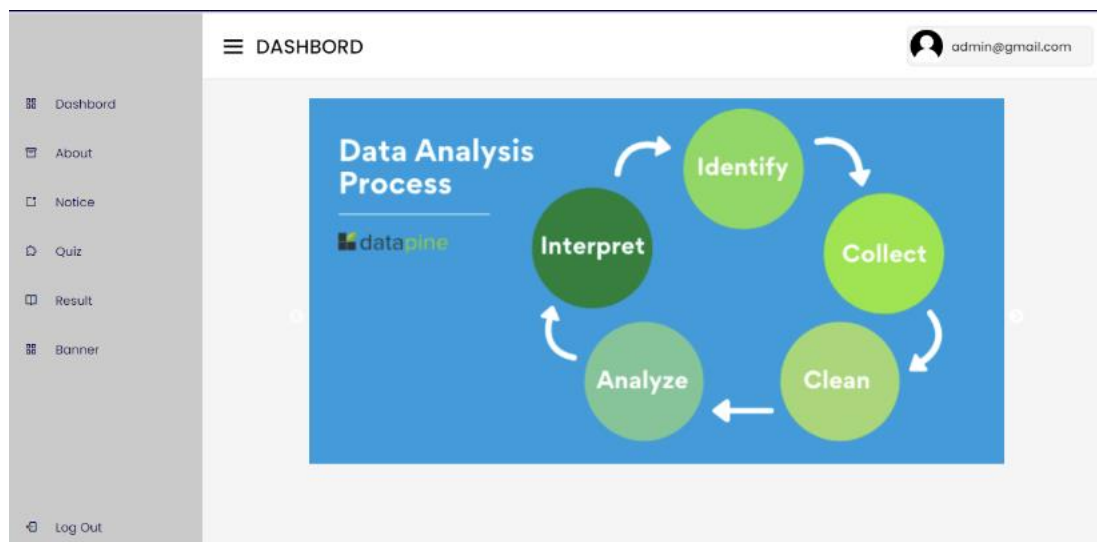


Figure 6.1.1 Dashboard

- We can change the banner in the banner section where the basic CRUD operation will be there and reflect it on the dashboard.

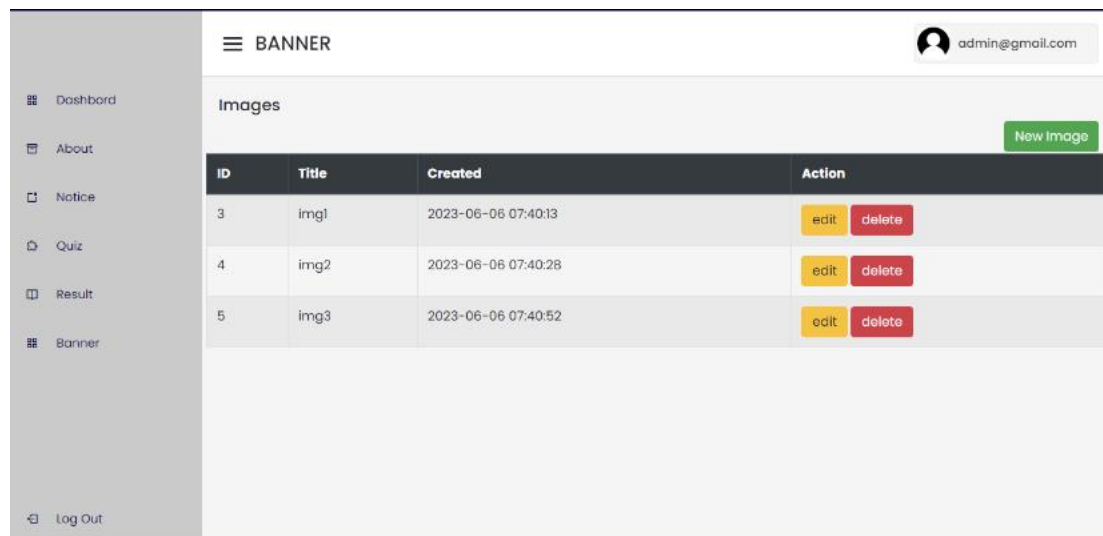


Figure 6.1.2 Banner Section

- Next is quiz section where add quiz link and some important links in it. Same method will be for the result section where result of the quiz will be displayed

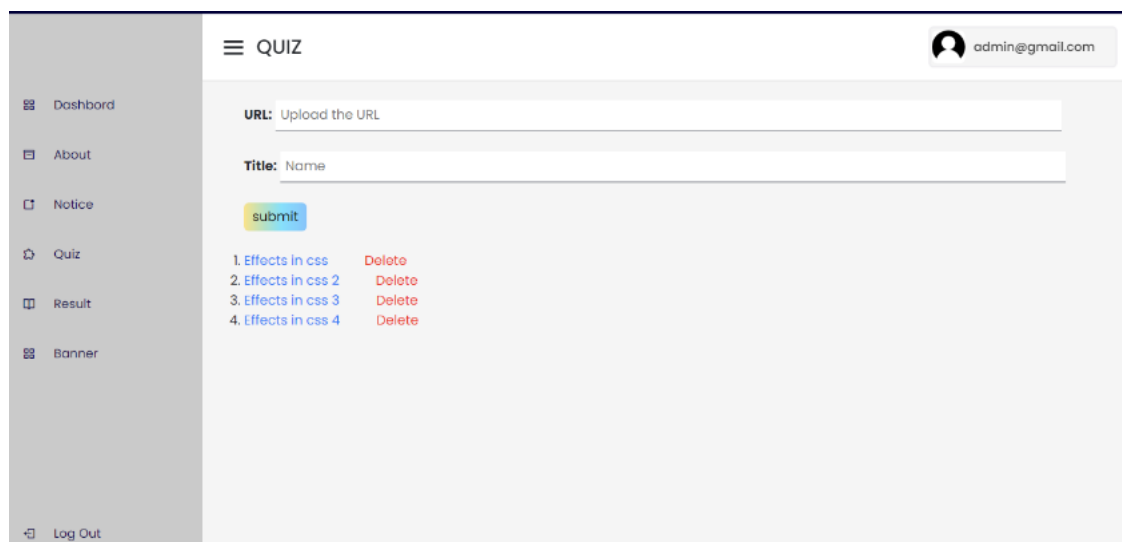


Figure 6.1.3 Quiz Section

- This the announcement section where the announcement for the event will displayed.

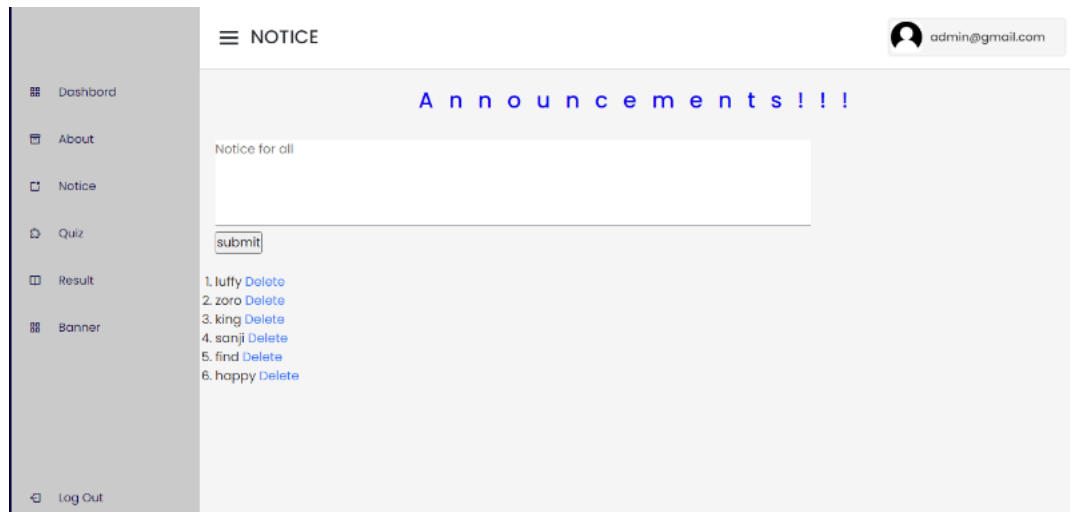


Figure 6.1.4 Notice Section

- This is the admin panel this same kind of panel will be displayed in user portal but access will not be there to change any thing.



## **CHAPTER 7: LIMITATIONS OF PROJECT**

### **7.1 LIMITATIONS**

- By default, the registration is user registration only.
- If you need admin registration then you have to create an account with user registration and then have to change the user login to admin login through the database query itself.
- Only links and descriptions can be added in the respective section.
- Links and descriptions can be added by the admin itself.
- Mobile App Absence: As a web application, It may not offer the same level of convenience and performance as a dedicated mobile app, which could limit user engagement on smartphones.

## CHAPTER 8: OUTCOMES

### 8.1 OUTCOMES

- Knowledge about HTML(Hypertext Markup Language), CSS(Cascading Style Sheets), Bootstrap, JS(JavaScript) for frontend development, PHP for backend development and connecting PHP with the MySQL Database tables, MySQL for creating database, database tables, insert data into table, updating data into table, deleting data from tables, deleting tables, deleting databases.
- User-Centric Design: The minimalist and intuitive design of "Quick Read" prioritizes user experience, promoting content readability and ease of navigation to encourage frequent visits and engagement.
- Project Showcase: It serves as a tangible representation of the team's capabilities in web development and can be showcased as a portfolio project, bolstering their profiles for future opportunities in the field.

## **CHAPTER 9: FUTURE ENHANCEMENT**

### **9.1 FUTURE ENHANCEMENT**

- Benefits Page section can directly direct to the link for form filling for applying to the benefits that Reliance Industries Limited provides to their employees.
- Generating Quiz sections can be made on the website itself.
- Changes in the website can be done through the admin itself respective to the website content.
- Contact us page information can be directly mailed when the user fill the information.
- Access of admin can be given directly through admin portal instead of changing in database directly.

## CONCLUSION

During my internship at Reliance Industries, I had the opportunity to deep dive into the world of web development and other fields which they were working on, with a primary focus on HTML, CSS, JavaScript and PHP. Throughout the internship, I gained invaluable hands-on experience, developing my skills in crafting responsive and visually appealing web interfaces. Working in a collaborative and dynamic environment, I learned to efficiently integrate front-end and back-end technologies, and also had a deeper understanding of their individual functionalities and interactions. Moreover, the exposure to real-world projects enabled me to apply theoretical knowledge to practical scenarios, boosting my problem-solving abilities. The guidance and mentorship received from industry experts played a vital role in my professional growth and encouraged me for excellence. Overall, the internship at Reliance Industries has been a transformative and rewarding experience, equipping me with the necessary tools and confidence to excel in the field of web development.

## References

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