

Biography

The portal Nobel Prizes

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Semester: *01*
Batch No: *T1.2210.E1*
Group No: *01*

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Month: 01 Year: 2023

This is to certify that

Mr. NGUYEN HONG DANH

Mr. LE TRA VU LUAN

Mr. NGUYEN DUC TUAN

Have successfully Designed & Developed
.....

BIOGRAPHY
THE PORTAL NOBEL PRIZES
.....

Submitted by:

Mr. NGUYEN HONG DANH
.....

Date Of Issue:

.....

Authorized Signature:

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Acknowledge

After nearly a first semester at FPT Aptech, eProject is a course marking the learning process and synthesizing the learned knowledge of HTML, CSS, JavaScript, JQuery, Bootstrap and AngularJS subjects. And also, opening a practical path to life in the future as well as training the ability to work in groups and solve practical problems.

We know that the eProject is a step-by- step learning environment that closely simulates the class-room and Lab based learning environment into actual implementation. It is a project implementation at your fingertips!! An electronic, live juncture on the machine that allows you to:

- ✓ Practice step by step i.e. ladder approach.
- ✓ Build a larger more robust application.
- ✓ Usage of certain utilities in applications designed by user.
- ✓ Single program to unified code leading to a complete application.
- ✓ Learn implementation of concepts in a phased manner.
- ✓ Enhance skills and add value.
- ✓ Work on real life projects.
- ✓ Create useful, complex apps based on real-life scenarios.
- ✓ Mentoring through email support.

During the project, we encountered many difficulties and obstacles due to limited knowledge. Although he is busy with a lot of work, Mr. Nhan still spends time and enthusiasm in guiding the group. He always cares, instructs and corrects important issues to help us stay on the right track and have the spirit, a belief and a rich amount of knowledge to be able to complete this eProject.

Sincere thanks to FPT Aptech from India for assigning this topic to us, Mr. Nhan as well as friends for guiding and supporting us during the project. Since we have gained more experience from this project, we will not stop learning any thing as much as we can to be more successful in the future.

Sincere thanks!

Team Group 01.

Synopsis

The Objective of this program we aim is to give a sample project to work on real life projects. These applications help us build a larger more robust application.

The objective is not to teach us JSON/JavaScript/Dreamweaver/HTML5 but to provide us with a real life scenario and help us create basic applications using the tools.

Hence, we can revise the chapters before we start with the project.

This project is meant for students like us who have completed the module of HTML5. These programs should be done in the Lab sessions with assistance of the faculty if required.

The website (in this project) is a tool that could help to bring to you information about famous inventors who have won noble price specifically in the science genre such as their Biography, Research, Awards and honors, Selected Works, References ...

It is very essential for us that will have a clear understanding of the subject. We think we should go through the project and solve the assignments as per requirements given.

And get back ***eprojects@apttech.ac.in*** as the assigned schedule.

Design Plan: Biography	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
Effective Date: 14-01-2023	Version 1.0	Page No: 1 of 13

Problem Definition

The goal of this project is to develop a Single-Page-Application and responsive website for a Nobel Prize winner in the science genre. The website will be developed for the Windows platform using HTML5, JSON, Angular JS, JavaScript and Geolocation. The site should work well in all leading browsers including Chrome, IE, Firefox, etc.

The website will be designed as a Single-Page-Application and responsive website with a set of pages and menus that represent a choice of activities to be performed. The pages, menus, and other visual elements must be designed in a visually appealing manner with attractive fonts, colors, and animations.

The website will include the following features:

1. A suitable logo and various images of the respective personality at the top of the page.
2. Various sections such as Biography, Research, Awards and honors, Selected Works, and References.
3. Complete personal details about the respective person.
4. Information on education and career.
5. A career graph and information on the struggle of the person.
6. Complete details about the achievements.
7. Information on the research/experiment for which the Nobel Prize was awarded.
8. A section displaying books related to the personality.
9. A gallery with various images of the personality.
10. A site map provided on the webpage.

Additional functionalities include:

- A continuous scrolling ticker at the bottom of the page with the current date, time, and location using the geolocation features of HTML5.
- A visitor count at the top right corner of the page beside a logo image.
- Menu options that change color on hover and after clicking.

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- Fade in and fade out options for the menus.

Additionally, the website should be designed with a responsive layout, adjusting to the size of the user's screen and providing optimal viewing experience on different devices. The website should also be easily navigable, with clear and intuitive menu options, allowing users to easily access the various sections and information.

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Design Plan: Biography	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 14-01-2023	Version 1.0	Page No: 3 of 3

Customer Requirements Specifications

Describe the points in the data processing cycle for each application object:

User:

- **Input:**
 - Registration/ Login data.
 - Data to search nobel prize winners.
- **Process:**
 - Process the register/login form fields.
 - Process search nobel prize winners.
- **Output:**
 - Notification of successful/failed registration/login.
 - Show search results.
 -

Hardware/ Software Requirements

- **Hardware:**
 - Intel Core i3/i5 Processor or higher
 - 8 GB RAM or above
 - Color SVGA
 - 500 GB Hard Disk space
 - Mouse
 - Keyboard

- **Software**

Technologies to be used:

- Frontend: HTML5, CSS, Bootstrap, JavaScript, jQuery, AngularJS, XML
- Data Store: JSON files or TXT files

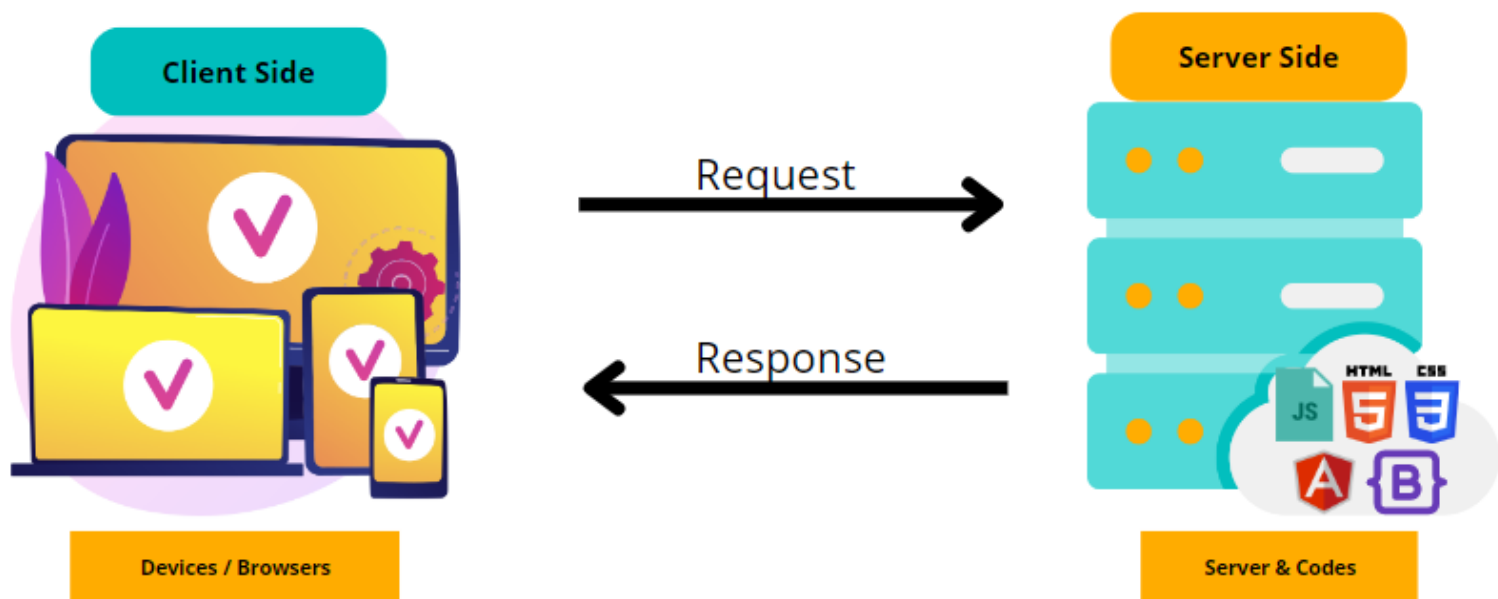
Other Requirements:

- Operating Portal: Windows
- Browsers: Edge, Chrome, Mozilla Firefox, Safari

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Design Plan: Biography	Document Name: Architecture and design of the project	SWD/Form No.03/ARD/Ver1.0
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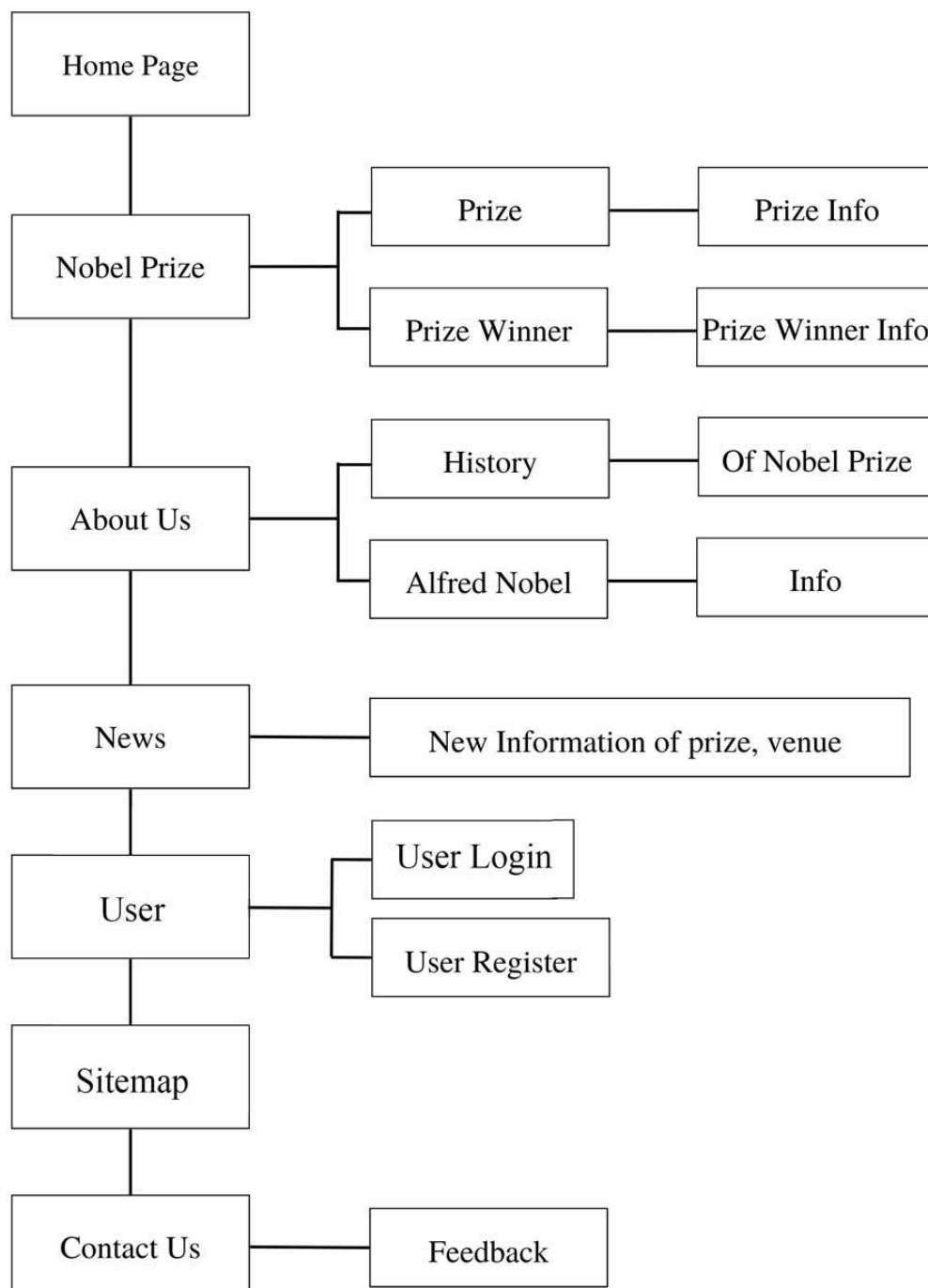
Architecture and design of the project



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Design Plan: Biography	Document Name: SiteMap	SWD/Form No.04/SM/Ver1.0
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SiteMap

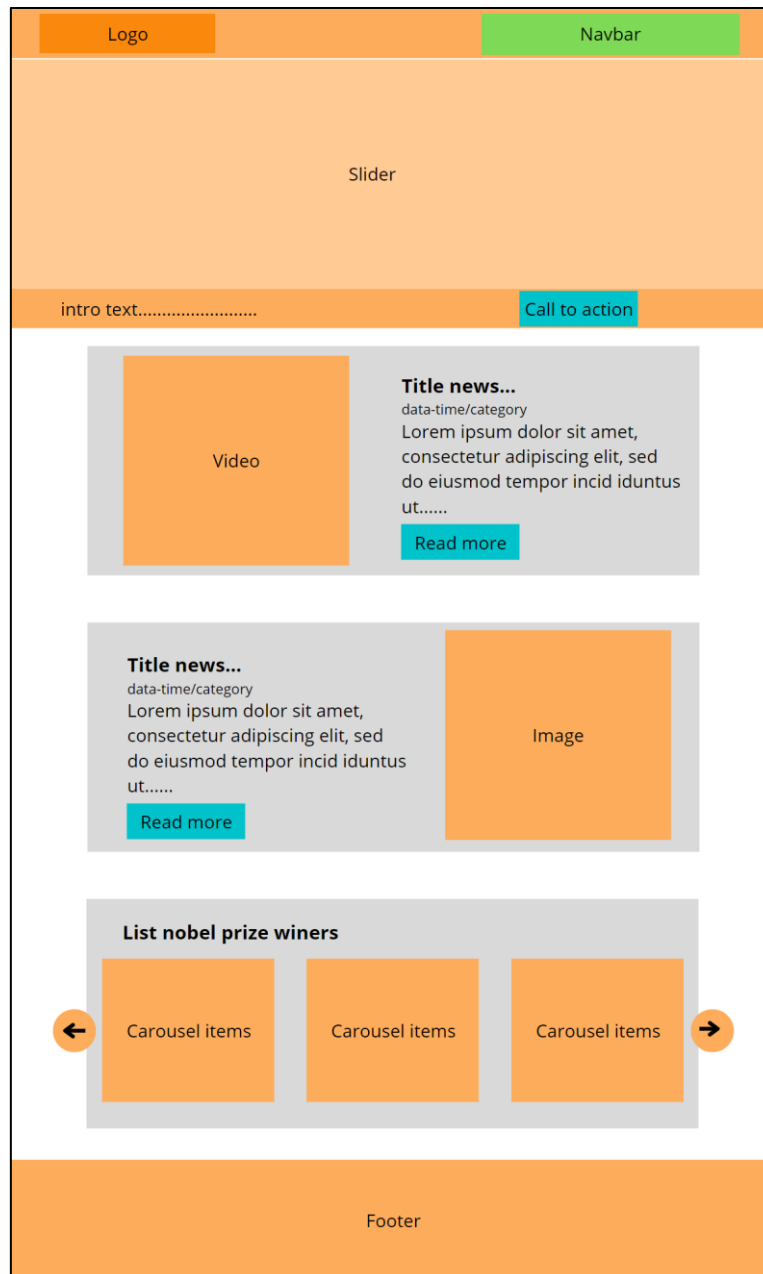


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Design Plan: Biography	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 14-01-2023	Version 1.0	Page No: 6 of 13

Screen shots

I. Home page:



Description: The content briefly introduces the website.

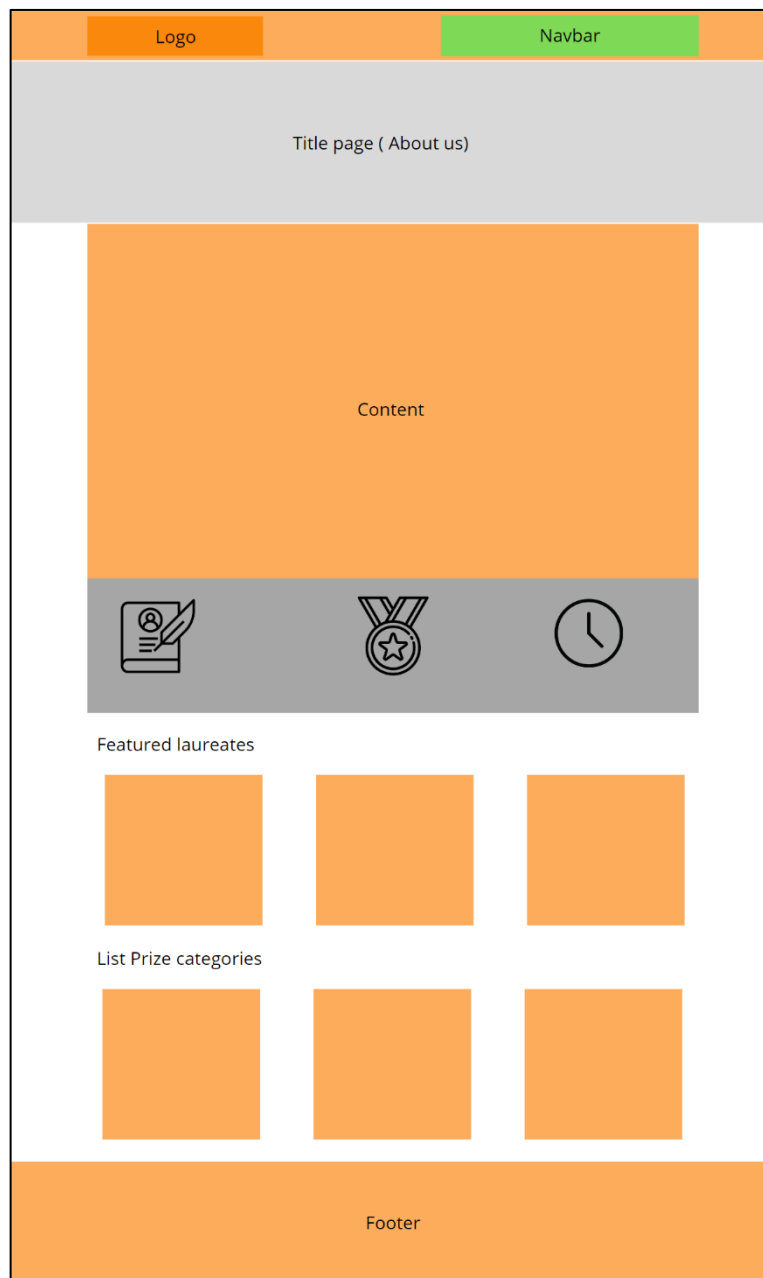
From: Enter the website from the browser and another page.

To: About us, Contact, Login, Register, News, Nobel Prizes, Sitemap.

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Design Plan: Biography	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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II. About us:



Description: Introduction to the history of the Nobel Prize, the organization unit.

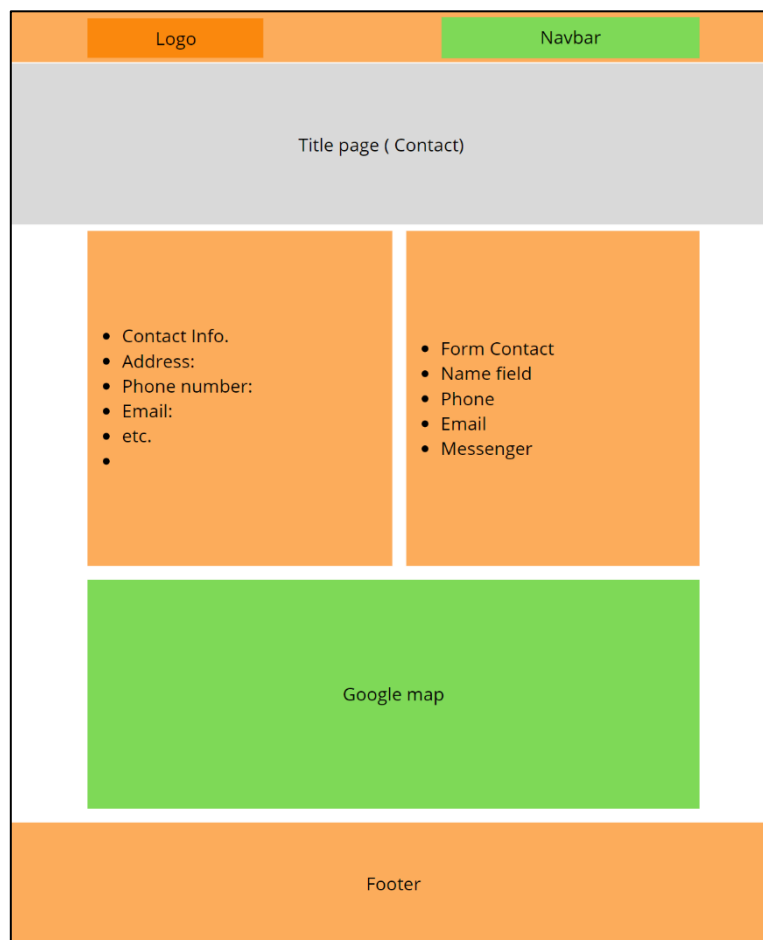
From: Home page, contact, another page...

To: Home page, Contact, Login, Register, News, Nobel Prizes, Sitemap.

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Design Plan: Biography	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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III. Contact:



Description: Provide contact information. And send a direct message.

From: Home page, about us, another page...

To: Home page, About Us, Login, Register, News, Nobel Prizes, Sitemap.

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Design Plan: Biography	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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IV. List nobel prize:

Description: Show list nobel prize biography, category nobel prize

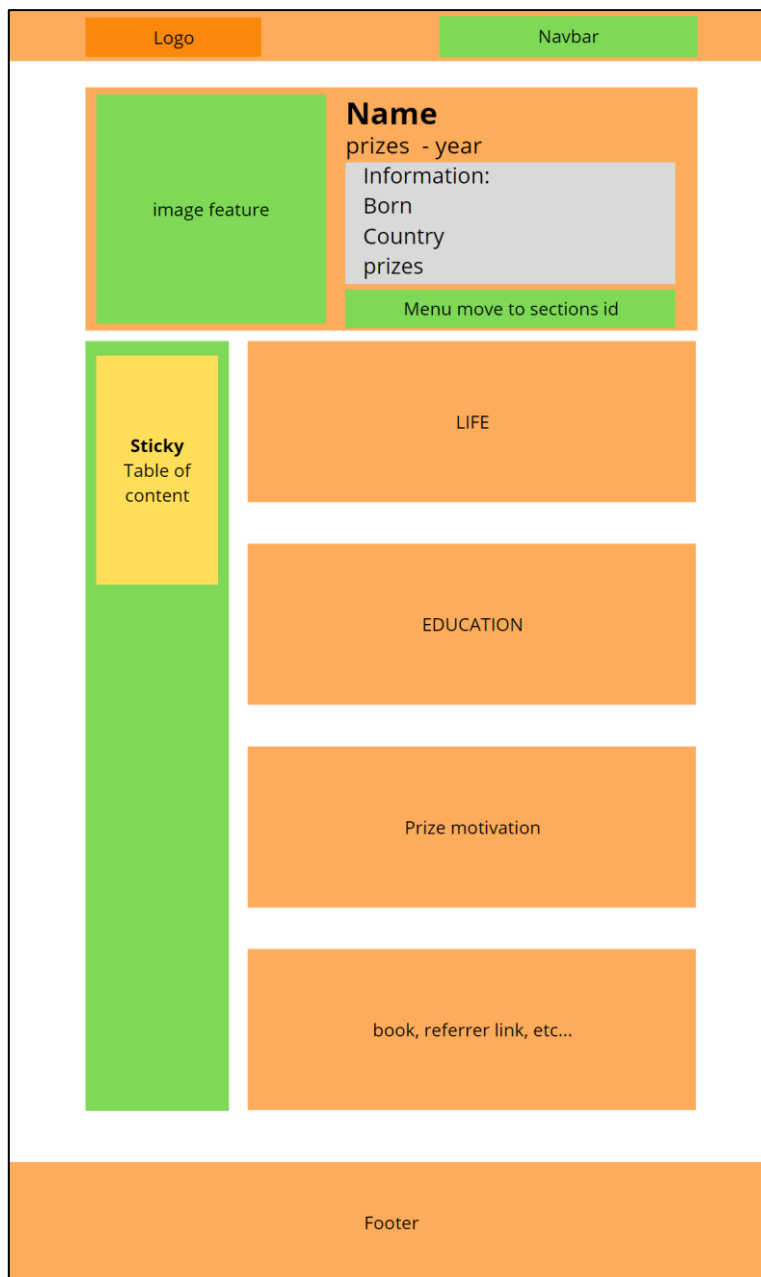
From: Home page, about us, another page...

To: Home page, About us, Contact, Login, Register, News, Nobel Prizes, Sitemap.

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Design Plan: Biography	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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V. Detail biography:



Description: Various sections such as Biography, Research, Awards and honors, Selected Works, References and books related to the personality ...etc

From: Home page, about us, another page...

To: Home page, About us, Contact, Login, Register, News, Nobel Prizes, Sitemap.

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Design Plan: Biography	Document Name: Testing document	SWD/Form No.06/TD/Ver1.0
Effective Date: 14-01-2023	Version 1.0	Page No: 11 of 13

Testing document

Sr.No	Features Tested	Remarks
1	Register form – Username require do not left blank.	
2	Register form – Password require do not left blank.	
3	Register form – Email require do not left blank. Invalid/Valid	
4	Register form – Phone number require do not left blank, digits only. Invalid/Valid	
5	Login form - Username require do not left blank.	
6	Login form – Password require do not left blank.	
7	Report content form – Name require do not left blank.	
8	Report content form – Email require do not left blank. Invalid/Valid	
9	Report content form – Messenger require do not left blank.	
10	Contact form – Name require do not left blank.	
11	Contact form – Phone number require do not left blank, digits only. Invalid/Valid	
12	Contact form – Email require do not left blank. Invalid/Valid	
13	Contact form – Messenger require do not left blank.	
14		
15		

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Design Plan: Biography	Document Name: Final checklist	SWD/Form No.07/FC/Ver1.0
Effective Date: 14-01-2023	Version 1.0	Page No: 12 of 13

Final checklist

Sr.No	Aspected Tested	Suggestion/ Remarks
1	Are all the users able to view the images and links?	
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	
3	Are the GUI content devoid of spelling mistakes?	
4	Is the application user-friendly?	
5	Is the Website launching correctly in all popular browsers?	
6	Are all the forms validated with proper criteria?	
7	Do all text links lead to the appropriate website?	
8	Do all image links lead to the appropriate website?	
9	Are all the images and links clearly visible on the page?	
10	Does the Web page work properly in all the tested browsers?	
11	Does the Web page take too long to be loaded fully?	
12	Is the navigation sequences correct through all the Web pages on the site?	
13	Is the JavaScript code working as expected in all click events?	
14	Is the application mobile-friendly?	

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Design Plan: Biography	Document Name: Task Sheet	SWD/Form No.08/TS/Ver1.0
Effective Date: 14-01-2023	Version 1.0	Page No: 13 of 13

Tasksheet

No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planned Start Date	Actual Start Date	Actual Days	Status
1	Nguyen Hong Danh	Homepage	hompager.html	14-01-2023	14-01-2023	30	OK
2		Nobel Prizes	nobel-prizes.html	14-01-2023	14-01-2023	30	OK
1	Le Vu Tra Luan	About us	about-us.html	14-01-2023	14-01-2023	30	OK
2		Contact	contact.html	14-01-2023	14-01-2023	30	OK
1	Nguyen Duc Tuan	Login/Register	user.html	14-01-2023	14-01-2023	30	OK
2		News	news.html	14-01-2023	14-01-2023	30	OK

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Date		