FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

ASTRONOMY

Supervisor: *LÊ THANH NHÂN*

Semester: *01*

Batch No: *T1.2012.E1*

Group No: *04*

Order:	**Full name**	**Roll No.**
1.	*Phạm Xuân Vinh*	*Student1291653*
2.	*Mai Quốc Lâm Khang*	*Student1291650*
3.	*Phan Công Thịnh*	*Student1291651*

***Month**: 04 **Year**: 2021*

This is to certify that

Mr. **PHẠM XUÂN VINH**

Mr. **MAI QUỐC LÂM KHANG**

Mr. **PHAN CÔNG THỊNH**

Have successfully Designed & Developed

ASTRONOMY

Submitted by:

Mr. LE THANH NHAN

Date Of Issue:

Authorized Signature:

Content

Content

Acknowledge

Synposis

Review1 ..... (06)

Review2 ..... (điền số trang theo thực tế)

Review3 ..... (điền số trang theo thực tế)

Testting Document ..... (điền số trang theo thực tế)

Final Checklist ..... (16)

Tasksheet ..... (17)

Acknowledge

As we understand that the eProject is a step-by-step learning environment that closely simulates the class-room and Lab based learning environment into actual implementation. Beside serveral mistakes we had made in the project, we hope to have more oppotunities to widen our knownledge in web developing world.

We would like to send a great thank to our professor and others student for the addorable supports during the time in project.

We also thank you so much for your infomation and the “Astronomy” project from India APTECH to help us get more reality experience in this 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.

Your Sincerely,

Team Group 04.

Synposis

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

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

You can revise the chapters before you start with the project.

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

It is very essential that a student has a clear understanding of the subject. Students should go through the project and solve the assignments as per requirements given.

Kindly get back to eProjects Team in case of any doubts regarding the application or its objectives.

Problem Definition

Humans have long gazed toward the heavens, searching to put meaning and order to the universe around them. Although the movement of constellations — patterns imprinted on the night sky — were the easiest to track, other celestial events such as eclipses and the motion of planets were also charted and predicted.

Astronomy is the study of the sun, moon, stars, planets, comets, gas, galaxies, gas, dust and other non-Earthly bodies and phenomena.

The website is supposed to provide user friendly environment and navigation. The important menu must be stated in the top section of the webpage. Also a decent look out and color combination is expected.

The website is to be developed for the Windows Platform using HTML5, JavaScript and Geolocation. The site should work well in all leading browsers including Chrome, IE, Firefox etc.

The Web site is to be created based on the following requirements.

1. The Home page:

About the description/images about various planets should be provided. If user clicks on the same, navigational link must be available.

2. The About page:

There should be categories providing details about big bang theory, evolution of earth etc

3. Detail Page (Mars, Venus, Comet…)

The site should also list and explain various planets available as well as details about them as

a. When discovered
b. Size
c. Atmosphere there
d. Distance from sun and earth
e. Other available important details about them.
f. There should be information on constellations as what is it/how it is formed and various constellations.
g. There should also be a section on comet giving information related.

4. Blog Page

Also include a section which will provide details on various latest developments in the field of astronomy related to planets and stars.

5. Google Maps:

List of Few top Observatories with details and location displayed using GeoLocation API (eg. GoogleMaps).

6. Notes:

Also each link must be properly hyperlinked; images must be used wherever necessary.

Customer Requirements Specifications

User:

input:

- Navigational Link
- Description link (Hyperlink link)
- Image link

Process:

- Hyperlink to each page detail

Output:

- The About page: display details about bigbang theory, evolution on earth
- The Detail page: display the image and information about which planet user want to find out(discovered time, size, atmosphere there, distance from sun and earth, another important information, etc……)
- The Blog page: display details on various latest developments in the field of astronomy related to planets and stars
- Google Maps: List of Few top Observatories with details and location displayed using GeoLocation API (eg. GoogleMaps)

Webmaster:

input:

- Input username
- Input password

Process:

- Validating username
- Validating password

Output:

- Guarantee loging successful

Hardware / software requirement:

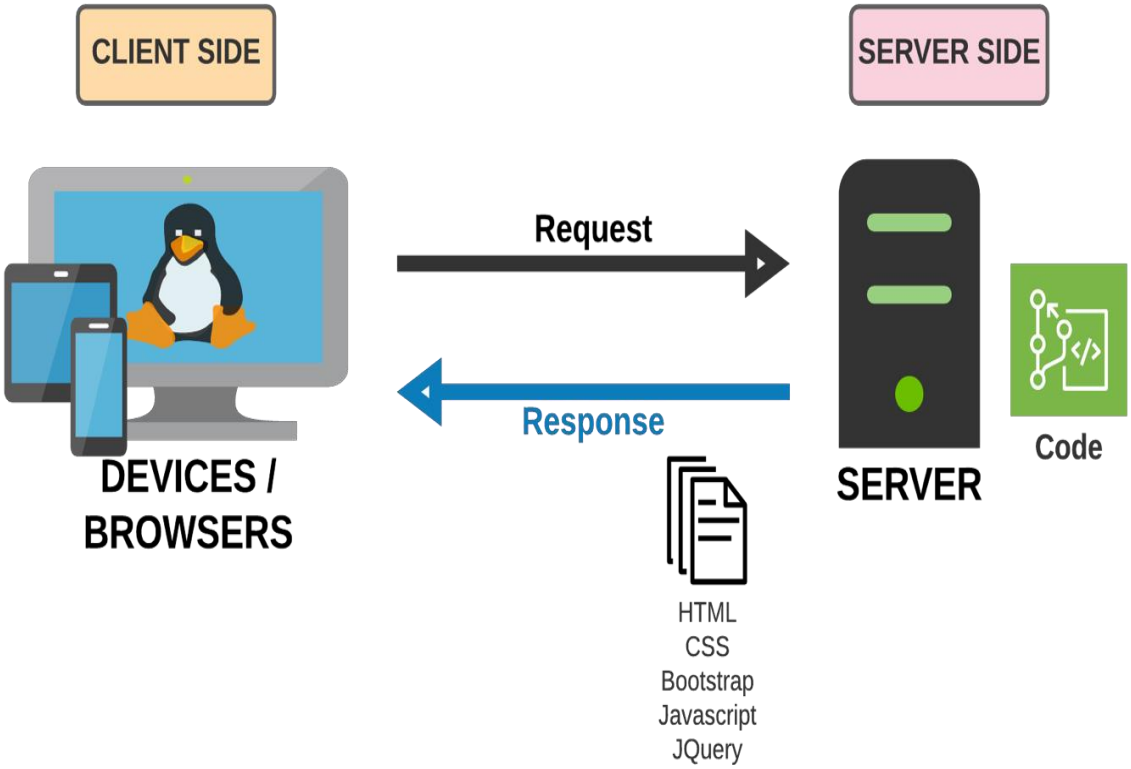
Software:

- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better
- 64 Megabytes of RAM or better

Hardware:

- Notepad/HTML editor
- Dreamweaver
- IE 5.0/ Netscape 6.0

Architecture and design of the project



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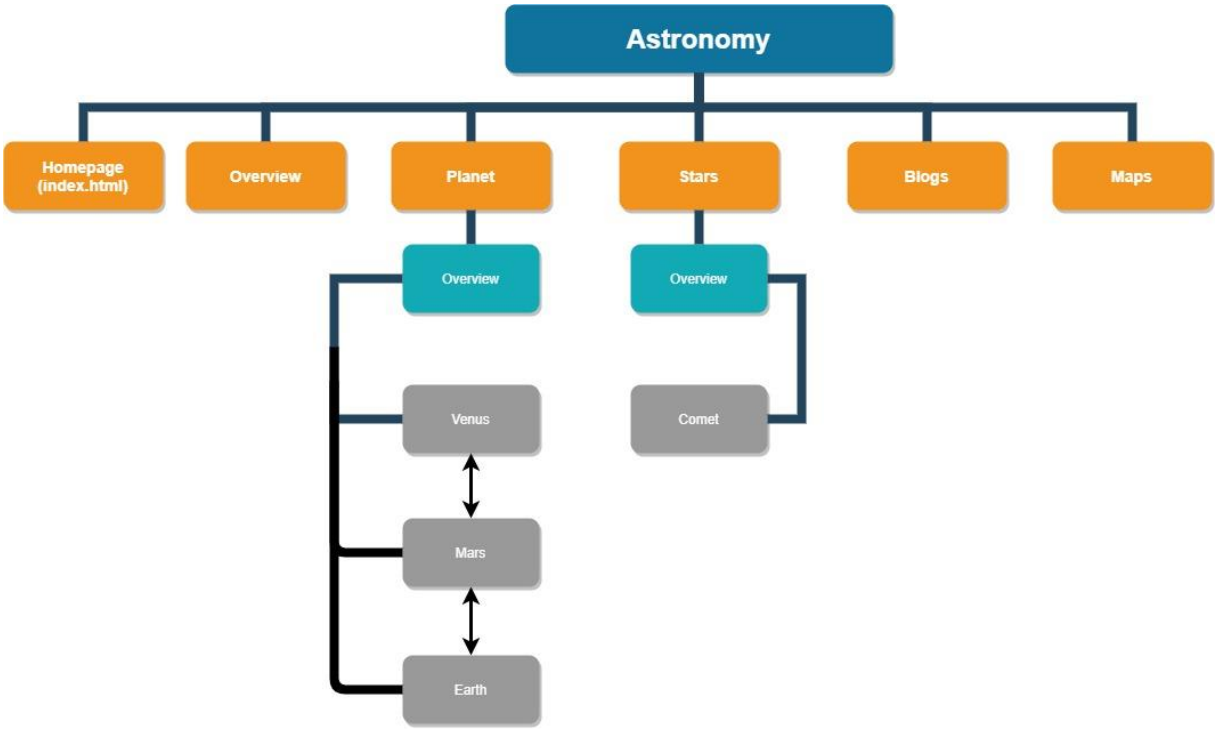
Date		

SiteMap



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Screen shots

I. Homepage:

logo		Homepage	Overview	Planet	Stars	Blogs	Maps
Planet Carousel							
The lastest news Grid							
The Feature news							
The more destination carousel							
The Footer							

Description : homepage of astronomy. Show the lastest news by grid template, the feature news with full width. And show the more destination of many planet by image carousel

From : file index.html in root

To : index.html can navigate to overview.html, planet.html, stars.html, blog.html, maps.html

II. Planet overview

logo		Homepage	Overview	Planet	Stars	Blogs	Maps
Banner Planet							
Table of content	The main Content						
The Related news							
The more destination carousel							
The Footer							

Description : overview about planet. display the image and short information each planet

From : file /planet/overview.html

To : Can navigate to planet/mars.html , planet/venus.html and three post in blog.html

III. Stars overview

<table>
<tr><td>logo</td><td></td><td>Homepage</td><td>Overview</td><td>Planet</td><td>Stars</td><td>Blogs</td><td>Maps</td></tr>
<tr><td colspan="8">Banner Stars</td></tr>
<tr><td>Table of content</td><td colspan="7">The main Content</td></tr>
<tr><td colspan="8">The Related news</td></tr>
<tr><td colspan="8">The more destination carousel</td></tr>
<tr><td colspan="8">The Footer</td></tr>
</table>

Description : overview about stars. display the image and short information each stars

From : file /stars/overview.html

To : Can navigate to stars/comet.html and three post in blog.html

IV. Detail page: mars, venus, comet…

<table>
<tr><td>logo</td><td></td><td>Homepage</td><td>Overview</td><td>Planet</td><td>Stars</td><td>Blogs</td><td>Maps</td></tr>
<tr><td colspan="2">Information</td><td colspan="6">Image detail page</td></tr>
<tr><td>Table of content</td><td colspan="7">The main Content</td></tr>
<tr><td colspan="8">The Related news</td></tr>
<tr><td colspan="8">The more destination carousel</td></tr>
<tr><td colspan="8">The Footer</td></tr>
</table>

Description : display the image and information about which planet user want to find out(discovered time, size, atmosphere there, distance from sun and earth, another important information, etc……)

From :

- file /stars/comet.html
- file /planet/mars.html
- file /planet/venus.html

To : Can navigate to each relative post in the same category

V. Blogs

logo		Homepage	Overview	Planet	Stars	Blogs	Maps
The latest news about astronomy (grid template)							
The more destination carousel							
The Footer							

Description : display the lastest news

From :

- blog.html

To : Can navigate to each relative post in the same category

Testing document

Sr.No	Features Tested	Remarks
1	Check image link	
2	Check hyperlink	
3	Check layout	
4	Check speed load website	
5	Check position file html	
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

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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?	

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No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planed Start Date	Actual Start Date	Actual Days	Status
1	Phạm Xuân Vinh	Hompage	Index.html	10-04-2021	12-04-2021	5	OK
2		Blog page	blog.html	10-04-2021	12-04-2021	5	OK
1	Mai Quốc Lâm Khang	Overview	Overview.html	10-04-2021	12-04-2021	5	OK
2		Detail page Mars	planet/mars.html	10-04-2021	12-04-2021	5	OK
1	Phan Công Thịnh	Detail page Comet	Stars/comet.html	10-04-2021	12-04-2021	5	OK
2		Detail page Venus	planet/venus.html	10-04-2021	12-04-2021	5	OK

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Signature		
Date		