

Test Project

Design

INTRODUCTION TO TEST PROJECT

The Emirates Mars Mission is a United Arab Emirates Space Agency uncrewed space exploration mission to Mars. The Hope orbiter was launched on 19 July 2020, and reached Mars on 9 February 2021.

The mission is being carried out by a team of Emirati engineers in collaboration with foreign research institutions, and is a contribution towards a knowledge-based economy in the UAE.

The mission design, development, and operations are led by the Mohammed bin Rashid Space Centre (MBRSC). The spacecraft was assembled at the Laboratory for Atmospheric and Space Physics (LASP) at the University of Colorado Boulder, with support from Arizona State University (ASU) and the University of California, Berkeley.

The Emirates Mars Mission "Hope Probe" is the first probe to provide a complete picture of the Martian atmosphere and its layers when it reaches the red planet's orbit in 2021. It will help answer key questions about the global Martian atmosphere and the loss of hydrogen and oxygen gases into space over the span of one Martian year.

To promote this great achievement, you have been contacted to design the homepage of the website. Content for the website and font files have been provided to you, but you are free to decide what images you want to include in your design. The new website must have the information provided.

DESCRIPTION OF PROJECT AND TASKS

Your task is to create a new design of the website homepage. You have the freedom to suggest a new design to the website homepage, however, you must follow some requirements set forth by the maintainers:

- The homepage must include the following elements:
 - Header
 - Add the three logos provided
 - EMM Logo
 - MBRS Logo
 - UAE Space Agency Logo
 - Menu
 - Home
 - Mission
 - Hope Probe
 - Why Mars?
 - Content Sections
 - About EMM
 - Mission
 - Objectives 01, 02 and 03

- Hope Probe
 - Mission Highlights
- Why Mars?
- Footer
- You must use at least one image in every content section.
- You must deliver two versions of the design, one for computers and one for mobile devices.
 - The **desktop** design must be delivered at a size of **1280 pixels** wide.
 - And the **mobile** design must contain **428 pixels** of width.
 - All two designs must be delivered in **JPG** or **PNG**.

INSTRUCTIONS TO THE COMPETITOR

You have 6 hours to complete this task. You must include content provided to you, but you may choose not to include some content (i.e. you don't need to use all content provided). All media, including fonts, have been provided under the "media" directory.

Save your file in your root directory on the server called "**XX_Module_1**" where XX is your name acronym, for example, **Bruno Angelo Medeiros**, will be **BAM_Modulo_1**.

Save your page design files in JPG or PNG format.

Save any source image files in a folder called "**XX_Source**" inside the "**XX_Module_1**" folder. The source files are the files that contain the layers. Development files, ie .psd / .ai / .jpg / .svg / ...

You are required to submit the website implemented in accordance with the requirements.

Remember, only submitted **.jpg** or **.png** files will be evaluated. Your design will be evaluated by industry standards and needs to incorporate current design best practices.

HOW TO INSTALL THE FONTS

To develop this task, you will need to install the fonts used in the design, follow this step to learn how:

- Select all the fonts you wanted to install, i.e., Media\fonts\opensans\OpenSans-Bold.ttf
- Right-click and select the Install option
- Wait for the progress bar to finish
- Done, you can now use the fonts on your website

MARKING SCHEME

SECTION	CRITERION	JUDGEMENT MARKS	MEASUREMENT MARKS	TOTAL
A1	Medias	2.00	0.00	2.00
A2	Design Organization	1.00	1.00	2.00
A3	Design Creation	1.00	11.00	12.00
A4	Page Generic	6.00	0.00	6.00
A5	Page Design	2.00	0.00	1.00
A6	Target Audience	3.00	0.00	3.00
A7	Dimensions	0.00	6.00	6.00
TOTAL		15.00	18.00	33.00