

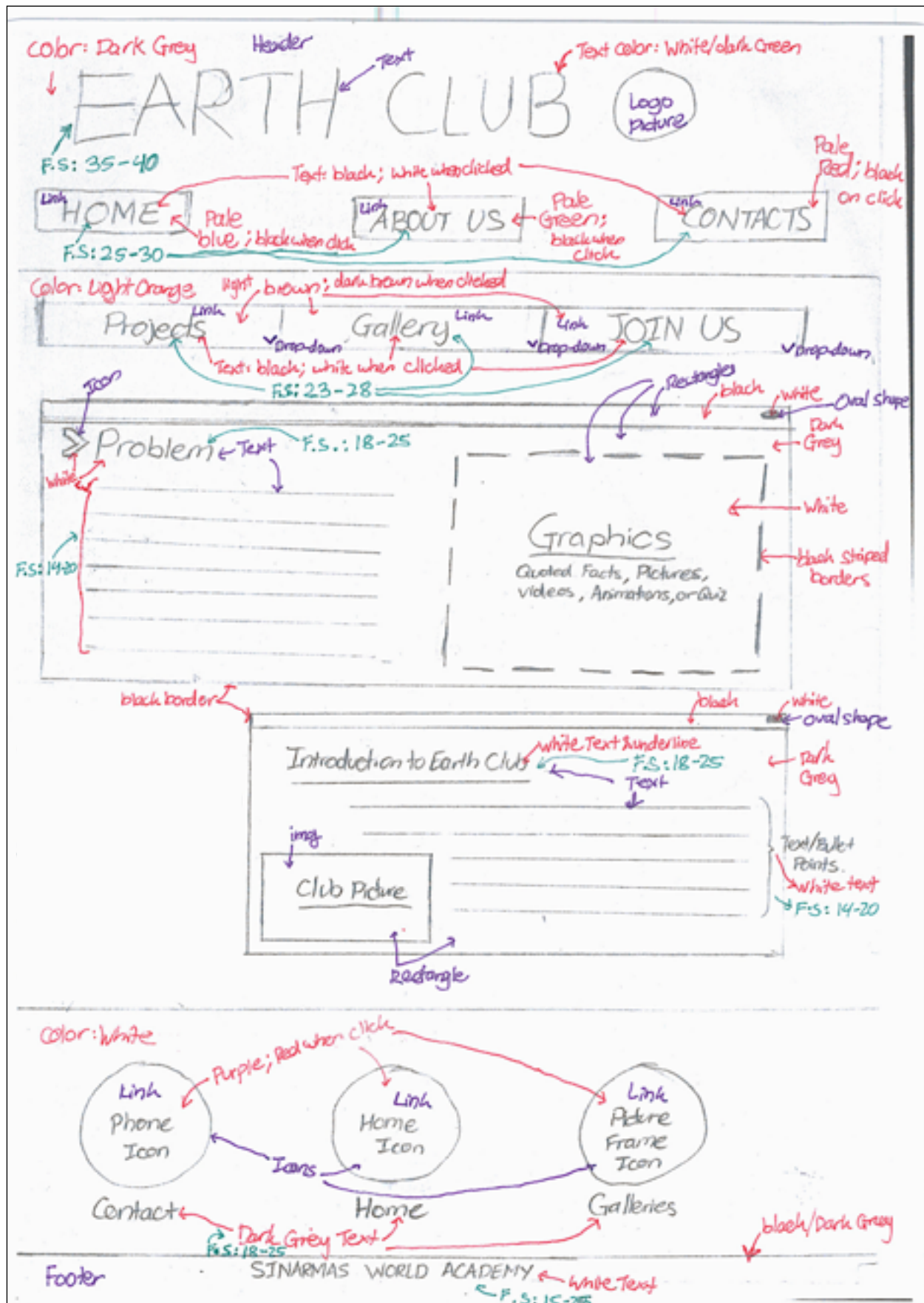
## Criterion D: Product design—Overall structure

### Overall Structure of:

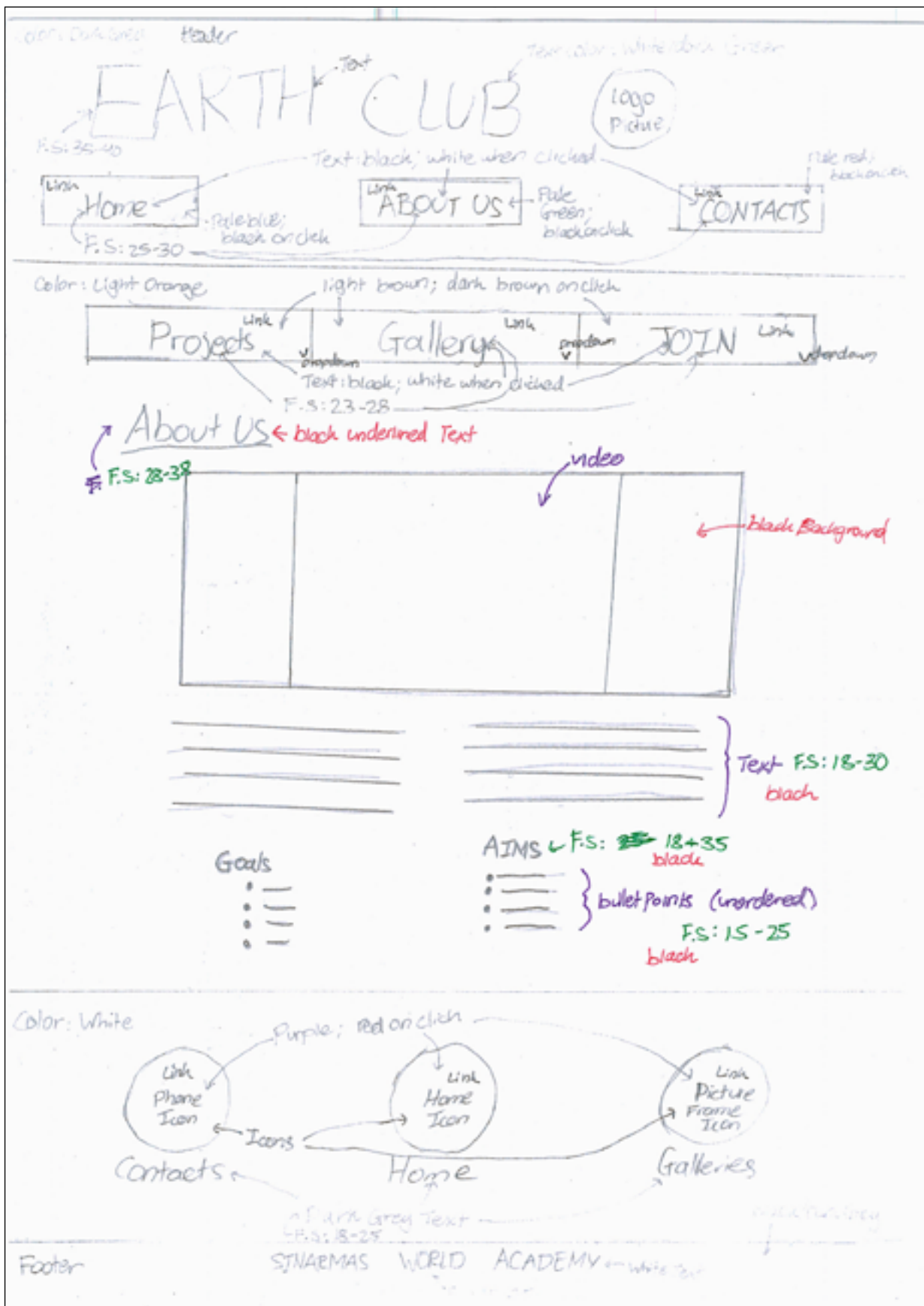
- Master Page



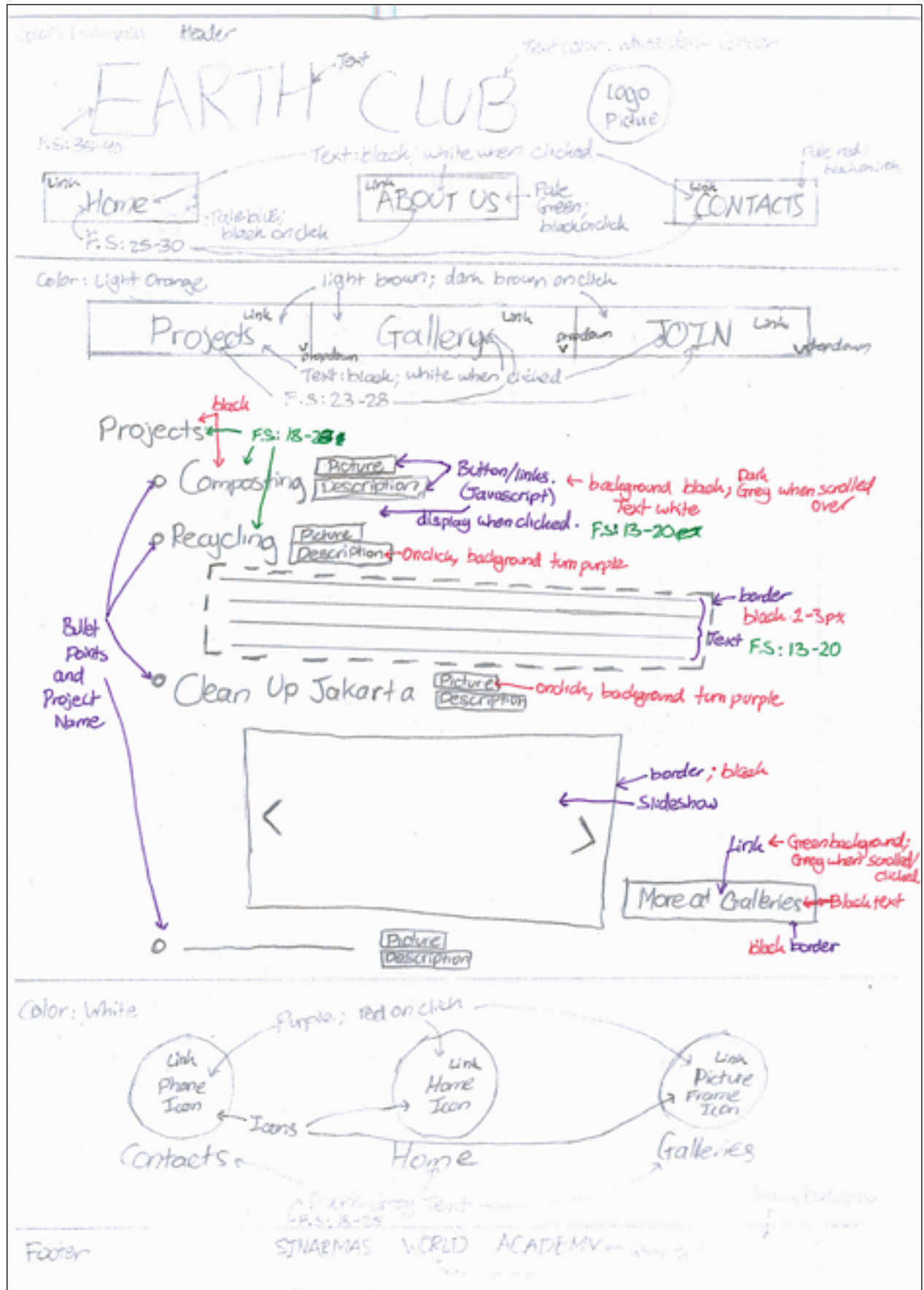
- Home Page



## - About Us Page

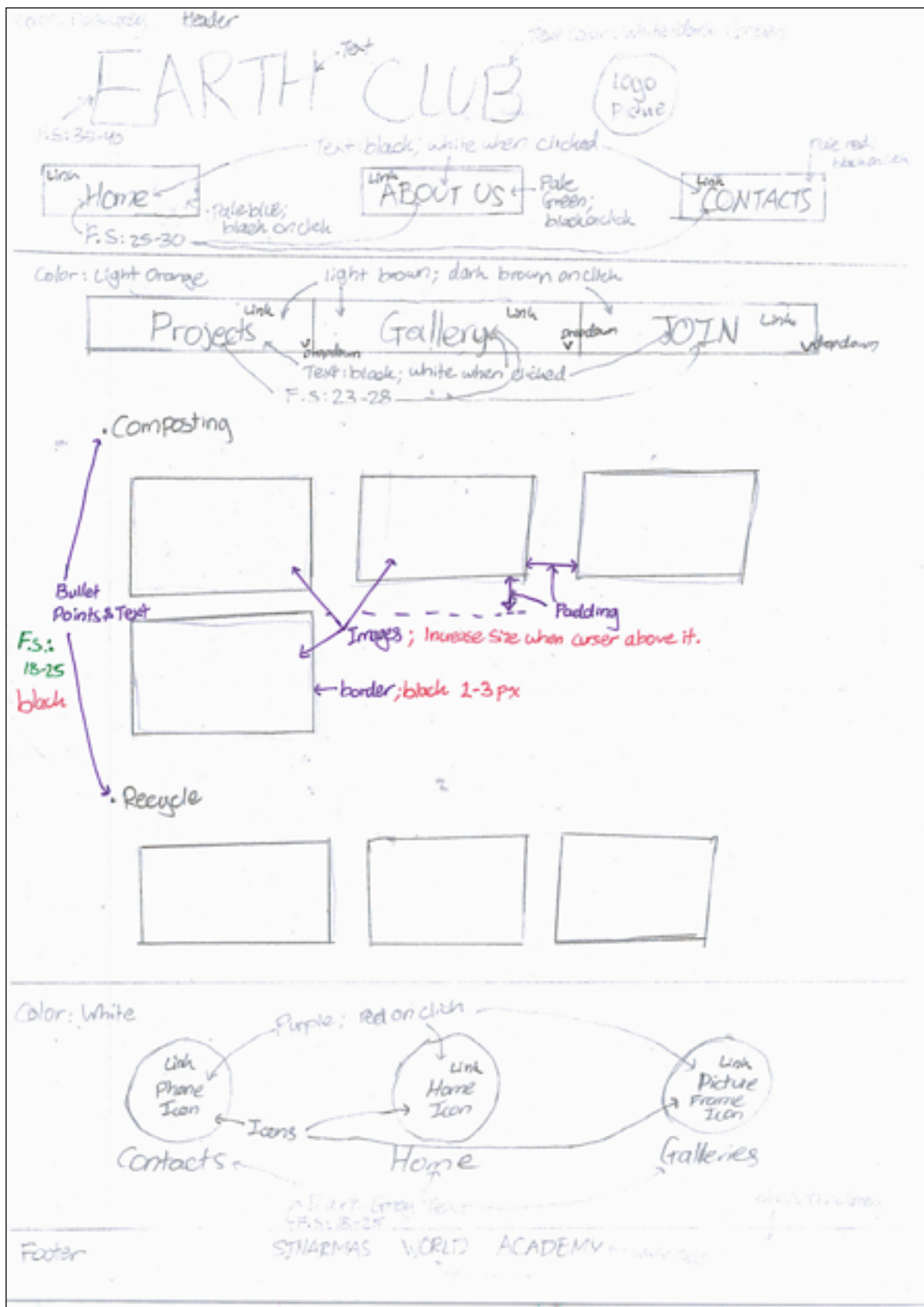


- 'Projects' Page

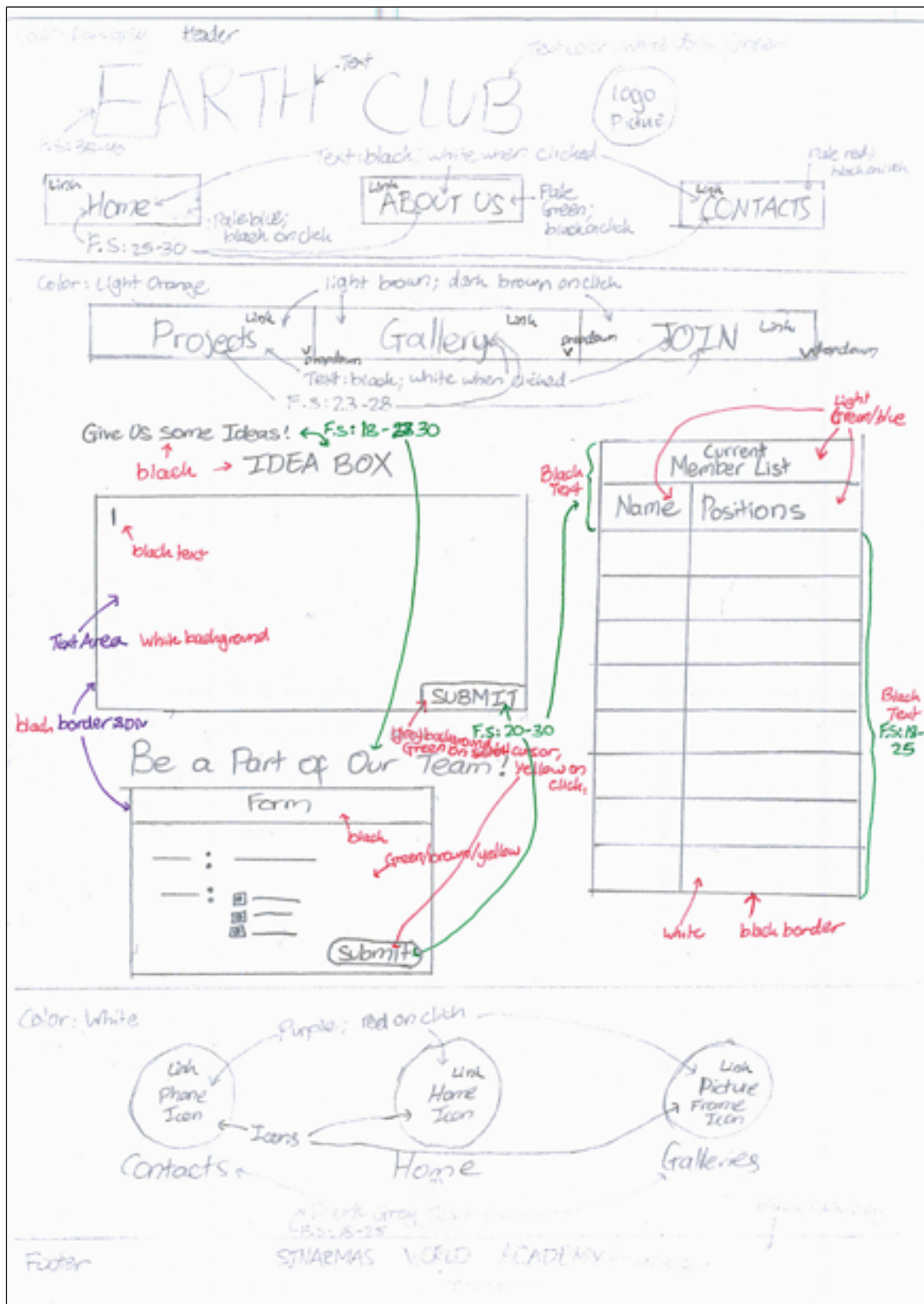




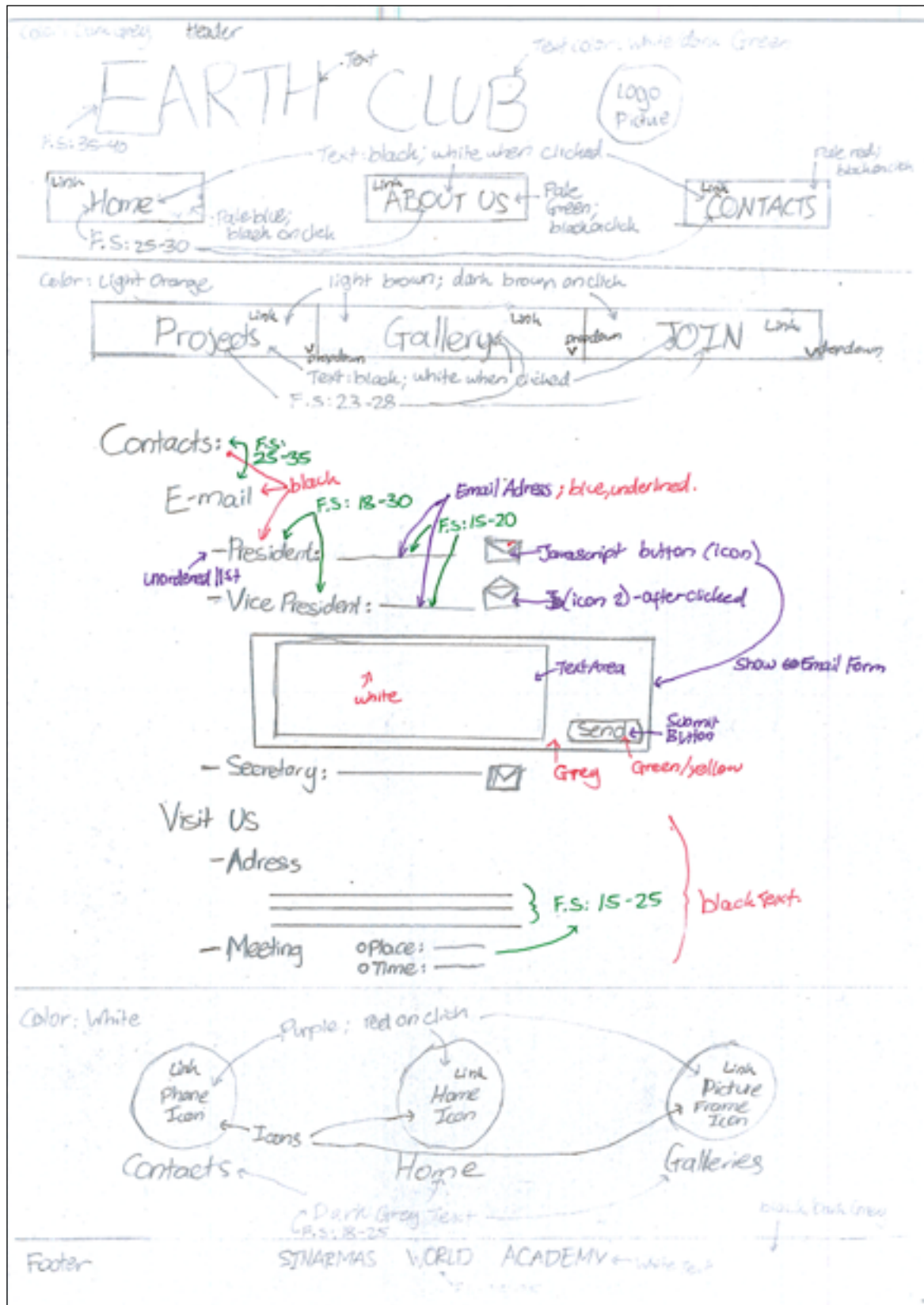
- 'Join' Page



- Galleries Page



- **Contacts Page**



## Internal Structures:

### List of Resources and techniques

Resources	Details
Contact Details, Project descriptions, Information about Earth Club, logo, and pictures.	<p>Most of the content that will be displayed on the website will be provided by Earth Club. I will apply these contents to fit the appropriate designs and layout structure.</p> <p>As a result, necessary informations and notifications that Earth Club wants to promote will be easily delivered through the website as an interactive medium. Which would solve the client's problem; allowing society to know more about the club.</p>
Pixelmator	<p>Having this pixel editing software readily installed on my current system prevents extra the cost needed to purchase other commercial softwares with similar features such as Adobe Photoshop. This pixel editing software will allow me to edit pictures like resolution, and making the icons for the website.</p>
Word Document (Microsoft Words)	<p>To type and edit the texts that will be added on the website. These word processing softwares have useful features such as checking grammatical errors, and can also be used for back-up of the texts - saving it in an external file.</p>
Text Wrangler	<p>To write HTML codes and execute the codes on web browser</p>
Web Host	<p>Host websites such as <a href="http://www.bitballoon.com">www.bitballoon.com</a> allow free upload of source code to world wide web and giving it a domain name.</p>
Java Script	<p>To create interactive buttons, animations, calculation in the website.</p>
Cascading Style Sheet (CSS)	<p>Used to style html contents, for layout and design of webpages.</p>
Imovie	<p>To create/edit videos for upload on the website. Enhancing website with different multimedias.</p>
Techniques	Details
Hyperlinks	<p>To create links between webpages for easy navigation.</p>
HTML Form (automatic email generator)	<p>Forms can be filled by end-users and be sent directly to Earth Club e-mail. Allowing a two-way communication.</p>



Techniques	Details
Slide show Pictures	Allowing user to view pictures easily, just by clicking and not scrolling. This will make the website look more professional, attractive, and efficient.
Creating tables	Tables allow easy display of datas. This appears more attractive then bullet-points for a list of member names, etc.
Manipulation of <div> elements for layout	Allows webpage to be organized and have a clear structure. This create a user-friendly presentation which is easy to navigate through.
Manipulation of Graphics	Editing, resizing, cropping, reduce and increasing quality for images. For editing videos, trimming, editing sound and video clips, etc.
Use of Java Script for interactive buttons and navigations (or calculations)	Javascript allows interactive buttons for HTML elements, which will make the website more user-friendly and attractive. Such as for making a content appear and disappear, etc.
Manipulation of Pseudo classes using CSS	To style elements at different states (when clicked, when cursor is placed over it) for aesthetic and interactive purposes.

Test Item	Test Data	Part of System Tested	Expected Outcome	Actual Outcome	Comments	Ref in product
COVER PAGE TESTING - REQUIRED ELEMENT FOR CRITERION G						
Cover page loads first when linked open in three different search engines.	Make sure home page is named 'Index.htm"	Cover page and other links work properly	Cover page loads from 3 different location	Correctly open from cover page	Perfect and Complete	
PRODUCT TESTING						
Hyperlinks between webpages	There are necessary links between different webpages	Hyperlinks of each page	Links between webpages work properly	All webpages load properly after clicking the links	Perfect and Complete	

Test Item	Test Data	Part of System Tested	Expected Outcome	Actual Outcome	Comments	Ref in product
Embedding videos (iframe)	Iframe appearance on the website	Iframe and Video uploaded into Youtube	Iframe works properly within website	Video Plays properly on the page	Perfect and Complete	
Images	Image quality and the HTML coding	Image Quality, size, resolution, and overall appearance	Image loads properly at the designated sizes and resolution on the webpage. Images are not pixelated.	Images are all consistent with sizes, and appearance	Perfect and Complete	
Positions of layout elements	div shape elements.	The html shapes appears, reshape, and loads accordingly.	The Shapes are at the correct position and similar to the design layout.	Layout is consistent with the design and positioned correctly.	Perfect and Complete	
E-mail link	Email Hyperlink	HTML form codes and Javascript submit buttons	The user should be able to use the email address and email form, and sent mail appears from the Earth Club email.	Email pop up initiates right after the submit button is clicked.	Perfect and Complete	
Slide Show	Functions in creating slideshow	Java script and HTML codes	Images are displayed one by one and transition between them can be made by clicking buttons	Slide show moves between images correctly. There are small thumbnails of the image to improve design.	Perfect and Complete	

Test Item	Test Data	Part of System Tested	Expected Outcome	Actual Outcome	Comments	Ref in product
Downloadable files	Sharing group files uploaded into the website	File uploaded properly to website.	Files are downloadable in one click without errors.	A group picture can be downloaded by the users without error.	Perfect and Complete	
Web Browser Compatibility	All elements HTML codes are working	Compatibility of coded elements	Elements can load properly in three different web browsers.	Elements work properly in all three web browsers.	Perfect and Complete	
Cascading Style Sheet	CSS elements displays correctly	CSS elements	All colors, fonts, borders etc loads and appear properly on website.	Styles is manipulated using CSS that fits the design.	Perfect and Complete	

### Agreement of client

I confirm that the requirement specification meets the need of the client and designs above are appropriate for the product



Signature of Basil Chesney  
- Supervisor of Earth Club