Create Your Webfolio

Create a folder called “your family name” underscore “webfolio” in your own folder in our class IT FLASH folder. This is where you are going to save all your work related to your website.

**STEP I** *(This step has been completed in your first assignment at the beginning of the semester)*

Create your personal Logo in Flash (page 19)

Create your homepage which should include the following elements:
- Navigation buttons
- An introduction: The text should introduce you, your partner and the purpose of the webfolio.
- Contact information: your email address, copyright, date of production and link to our DAA home page)
- Your logo
- “Copyright © year name”

Remember to select the proper document dimensions (page 26)

**STEP II**

- Change the homepage you have created at the beginning of semester into a movie clip symbol. Call it HOME.
- Add text and logo to the Home Page (page 45).
- The text should introduce you, your partner and the purpose of the webfolio.
- Type your reflections about your artifacts in Microsoft Word.
- Create your Movie Clip Symbol TEMPLATE (page 35). It will later be used for:
  1. your artifact Web pages
  2. a personal interview that introduces your famous webfolio

Design the layout (sketch on a piece of paper) for your template page. This should be a movie clip symbol. (page 35)

You will later use this template to insert your artifacts and reflections. For each artifact you are to write your reflections about your Flash movies which you have previously created throughout the semester.

Kindly use the checklist below to make sure you include all the reflections requirements:

- I have finished the sentences below to describe my artifacts:
  - This work shows...
  - This work tells me...
  - This work was based on the following project description/criteria
I have also written about:

- What I did to create this product and what I learned:
- A goal I have for the next time I work on something similar.

**STEP III**
- Create a Photo Viewer to display some of your personal photographs (page 73)
- Please incorporate sound on your Forward button
  Create a layer called Sound in the Button’s timeline
  Insert a keyframe on the down state
  Import the music to the library
  Drag the sound onto the stage
  Use the “Start” for the Sync option to prevent other music to play

- In order to stop playing the music when you click back on the Home button, include the following Action Script:
  ```actionscript
  on (release) {
    gotoAndPlay("Home Page");
  }
  on (release) {
    stopAllSounds();
  }
  ```

**STEP IV**
Add Navigation and Buttons to the Home Page (page 52).
You are to add a navigation layer at the bottom of the stage with buttons for navigating to different areas of the site, including Home, Artist contact info, Artist Interview, artifacts, Photo Viewer, and a useful Flash site.

Add action scripts to your Navigation Buttons to every page of your website (page 52).
- Buttons linked to artifact pages
- Home button linked to the home page

**STEP V**
Create a personal interview that introduces your famous webfolio. You will need a camera, microphone, and a written script.
With the help of your partner:
1. film the introductory interview with a video cam
2. capture the movie in Adobe Premiere (Check with Mrs. Khattab)
3. Edit the movie in Adobe Premiere
4. Export it from Adobe Premiere
5. Insert the movie in Flash environment (page 171)
6. Create stop and play actions to control movie segments.

create an Animated Message for the preloader (p 185) **OPTIONAL-EXTRA CREDIT**

STEP VI

✓ Make Flash content accessible (p 191)
✓ Add named anchors for browser navigation capabilities

STEP VII **OPTIONAL-EXTRA CREDIT**
1. Publish your Flash movie for a Web site
2. Receive free web space (get the link from Mrs. Khattab) to upload your website
3. Hand in your website URL address to Mrs. Khattab for grading purposes.

**Mrs. Khattab, what do we hand in to receive credit?**
Create a folder with your family name in the Webfolios folder (please see capture below). You should save the FLA, SWF, and HTML formats of your project.

*HTML ought to be created in Dreamweaver*

*All videos that are externally linked to your flash project should also be included.*

Under HSIT Server> MKHATTAB> Flash Animation> hand in> Webfolio folder
Tutorial Summary

In your Flash webfolio project file, create the following layers:

<table>
<thead>
<tr>
<th>Layer</th>
<th>It should contain:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actions layer (at the top)</td>
<td>Stop actions (stop()), labeled frames (frame name), anchors (label type)</td>
</tr>
<tr>
<td>Artifact 3 (tech benefits)</td>
<td>Template movie clip that carries the text and artifact (all saved as ONE movie clip and saved in the library)</td>
</tr>
<tr>
<td>Artifact 2 (Sustainability)</td>
<td>Template movie clip that carries the text and artifact (all saved as ONE movie clip and saved in the library)</td>
</tr>
<tr>
<td>Artifact 1 (DAA advertisement)</td>
<td>Template movie clip that carries the text and artifact (all saved as ONE movie clip and saved in the library)</td>
</tr>
<tr>
<td>PhotoViewer</td>
<td>Template movie clip that carries the photo slideshow (along with back/forward buttons, captions, music)</td>
</tr>
<tr>
<td>Interview</td>
<td>Template movie clip that carries the Artist Interview</td>
</tr>
<tr>
<td>Buttons layer</td>
<td>It should have all buttons which should allow you to navigate the site. Each button should direct you to a labeled frame. Sample script: on (release) {gotoAndPlay(&quot;Home&quot;);}</td>
</tr>
<tr>
<td>Home layer</td>
<td>Homepage movie clip &amp; its motion tweening</td>
</tr>
</tbody>
</table>

Designing a Homepage
Why Flash: less download time, fresh and animated look, rich and dynamic web site.
Site Architecture:
Create a site architecture diagram to give a basic idea of what the Web site will include.
Sizing a Home Page:
Audience= target computers running Microsoft Internet Explorer set to at least an 800 x 600 display resolution. You must leave extra space for the browser’s toolbar and title bar to display.
Screen resolution is 1024 x 768 then actual display area in IE is 1004 x 606
Setting Up a New Workspace:
Launch Flash, new document
Modify menu, Document, Document properties opens. Set 780 x 438 pixels (W,H); background color to black (#000000), frame rate 20fps, OK
Draw the rough layout with your elements on a piece of paper then apply the design in Flash.

Creating the Filmstrip Movie:
First create the filmstrip movie, then design the navigation bar at the bottom and the title bar at the top.
Use rulers and guides to help you insert images.
Create a movie clip template for future content: select any of the images
dimensions/symbol; duplicate, and then create a movie clip.

ADDING TEXT AND NAVIGATION TO THE HOME PAGE
Adding Text:
Create text boxes to introduce the webfolio and type in title.
Create a transparent overlay image: import image, convert it to a movie clip,
change the alpha.
Publish preview to see the HTML page

WORKING WITH MOVIE CLIPS
One movie clip symbol for each section of the web site.

CREATING A PHOTO VIEWER (page 73):
Name pictures with sequential numbers
Import a sequence of images
Align images
Create navigation buttons (page 76)
Create a Photograph Caption Box
Add action scripts for Back and Forward buttons

ADDING NAVIGATION ACTIONSCRIPT TO THE MAIN MOVIE
Create a new layer, name it actions and labels
Add stop actions to transition and final tweening points and labels to the
“inspector panel”
Select button, action script panel, on release gotoAndPlay “name of the frame”

PUBLISHING A MACROMEDIA FLASH MOVIE
Creating accessibility: (p 192-193)
Accessible to people with visual, auditory, and other disabilities.
Flash works with a Screen reader software
By default: text, buttons, and movie clips are readable
Configure the entire site for accessibility on the Accessibility Panel/edit
accessibility settings button on the Property inspector.
Fixing “Noisy” Object: (p 185)

Adding Named Anchors for Enhanced Browser Functionality:
Problems:
1. Favorites can mark only one page for the entire site.
2. The back button is not activated to return to the home section from the
   featured artist section.
Select frame 10 with the stop action
On the property inspector, key Home in the Frame Label text box and select
Anchor as the Label Type
PUBLISH:
File, Publish Settings, Flash & HTML checked boxes
File name index.html
FLASH: Flash Player 7, ActionScript 2.0, JPEG quality 80, Sound= mp3, kbps, Mono
HTML: Flash with Named Anchors, Percent (WH100)- fit the browser, flash alignment (center).
File, Publish Preview, Default- HTML
View menu, Source, directs the user to www.macromedia.com/go/getflashplayer

Remark:
Insert hyperlinked text using the inspector panel (pop-up block, allow all)

EMBEDING A VIDEO

Step 1: create a SWF file for the video
Create a new flash document, name it myravideo
Select Modify menu, Document, W=345, H=260 px.
Rename layer 1 to Video
Insert a keyframe in frame 4 and then select that frame.
With the video layer selected, click the File menu, point to import, and then click Import to Stage
Browse to the video folder and choose your movie.
Click Open to open the Video Import Wizard.
Select Embed video in Macromedia Flash option
Click Next, Finish to import the video
When the frame length warning appears, click YES to insert the correct number of frames for the video to play.
Select the Video on the Stage. On the property inspector, make sure the video is lined up to X:0, Y:0.
Select the video on stage and press Enter to play the video (you will not hear the sound at this point).
Save the document.

.mov video, runs with Quicktime/ www.apple.com
Import movie to stage

Audio encoder for the movie: MACE 3:1, mono, 16 khz
Video encoder for the movie: intel indeo Video 4.4
OR:
Video Summary:
Codec: Windows Media Video 9
Encoding Passes: Two
Bitrate Mode: Variable Unconstrained
Allow interlaced processing: Off
Step 2: Creating Play/Stop buttons and the preloader controls for a movie

A - Create two other layers:

actions layer:
Frame 1 will be labeled Start (Add a STOP action to the first frame from the Timeline control > Global Functions > Stop. The movie will not longer run automatically)
Frame 3 will contain a Stop action
Frame 4 will be labeled Startvideo and will contain a Stop action

Animation layer:
Frame 1 will contain the Preloader animation movie clip
Frame 4 will contain the Play button on the stage
Frame 5 will contain the Stop button on the stage

Video layer:
Frame 4 will contain the (quicktime or avi) movie you have imported on the stage.

B - Create two buttons: Play and Stop
Select the buttons in the Animation layer and add the following script:

On the Play button:

```javascript
on (release) {
    gotoAndPlay(5);
}
```

On the Stop button:

```javascript
on (release) {
    gotoAndPlay(4);
}
```
C- Writing ActionScript:
In the Actions layer, add the following actionscript to frame 3: (frames 1 and 2 will be the beginning of a loop that constantly checks the loading status of the movie. In frame 3 you need to enter the ActionScript that does the checking.)

```actionscript
if(_framesloaded >= _totalframes){
    gotoAndPlay("StartVideo");
} else{
    gotoAndPlay("Start");
}
```

- `StartVideo` is the name of frame 4 which contains the video
- `Start` is the name of frame 1 which initiates the preloader animation

D- On the Animation layer, you will add the animated text movie clip. Here’s how you create it:
Insert a new Symbol, a movie clip and call it Load Movie.
In its own timeline, select frame 1 of the first layer, select the Text tool to type on the Stage “loading Video” (white text on black background).
Align it vertically and horizontally
Insert keyframes at frames 2, 3, and 4 to create an animated effect.
Save it and then import it to the library. Drag it to the stage on frame 1 on the Animation layer of the video movie clip.

E- Test the movie. Most probably you will be able to view the preloader if you export as an HTML

Step3: loading the video.swf into your website:
To load the swf video into your artifact strip:
Import the video movie clip into your library
Select it and drag it onto your template webpage stage.

Hosting website:
http://www.dot.tk/en/pageA00.html

Media Publisher:
http://www.ourmedia.org/publish

Sounds:
http://www.finsounds.com
- freemusic.com
- freeplaymusic.com
- Google (burp+sound)
- ljudo.com
- pacdy.com/sounds/index.html
- sounddogs.com
- stonewashed.net/sfx.htm
- wavecentral.com

Graphics
- animationstation.com
  - backgroundcity.com
  - creativecommons.org
  - freefoto.com
  - freegraphics.com
  - freephotoographs.net
  - fresherimage.com
  - office/microsoft.com
  - pics4learning.com
  - stockedphotos.com

How to add your own Copyright?
• add “Copyright © year name”
• include statement about use... (check the creative commons website)
• make sure your contact info is clear...