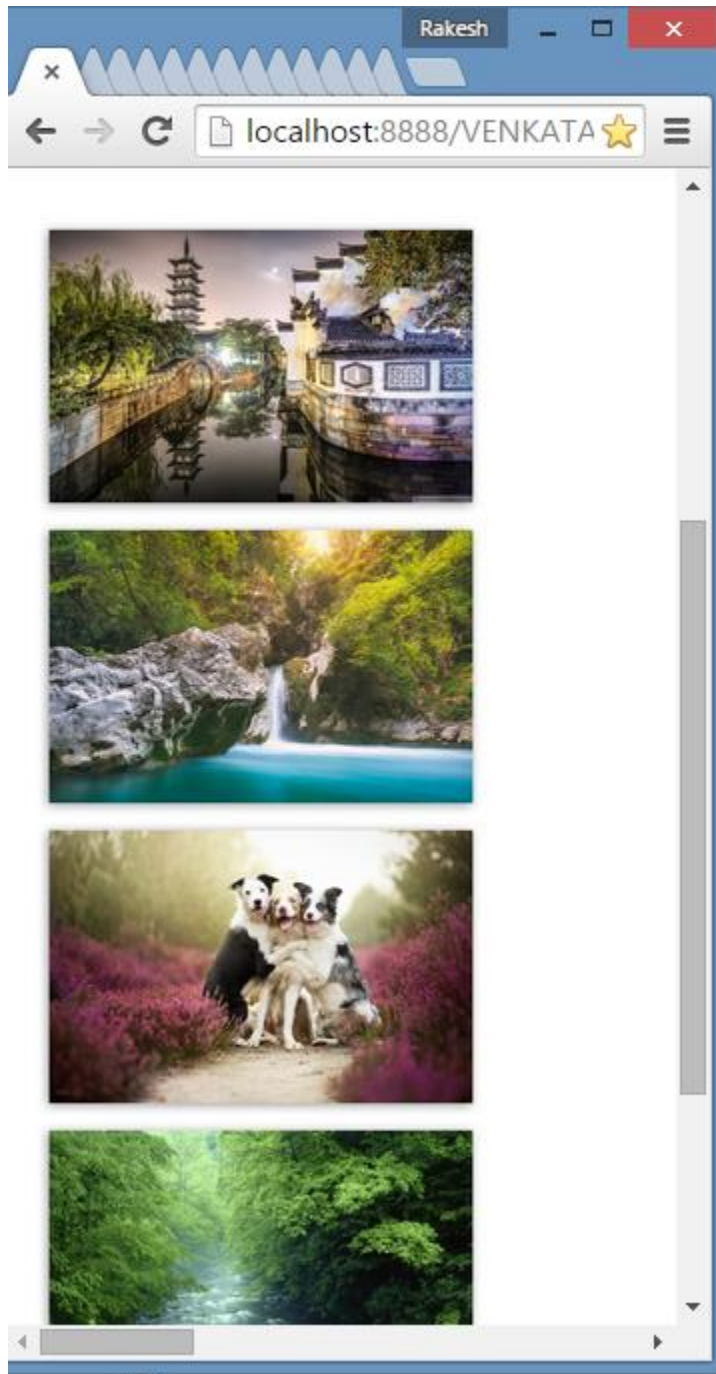OBJECTIVES

1) Use traditional and assisted AJAX techniques for asynchronously loading content
   The traditional AJAX techniques was used for parsing the clips.json file for this assignment.

2) Compare and contrast the use of jQuery animations and CSS3 animation features.

   The animation effects which I have used for this site includes CSS3 animation. Jquery animation can be used mainly when dynamically specifying animation

3) Describe and use responsive design principles and techniques and explain the advantages of responsive design as it relates to desktop and mobile web-based applications.

   I have learnt the advantages of using Responsive Design for this site as I have used it for this site. The thumbnail image are getting aligned according to the size of the window.

4) Explain the functionality and develop applications that use the HTML5 Local Storage API for making internet applications available when not connected to the internet
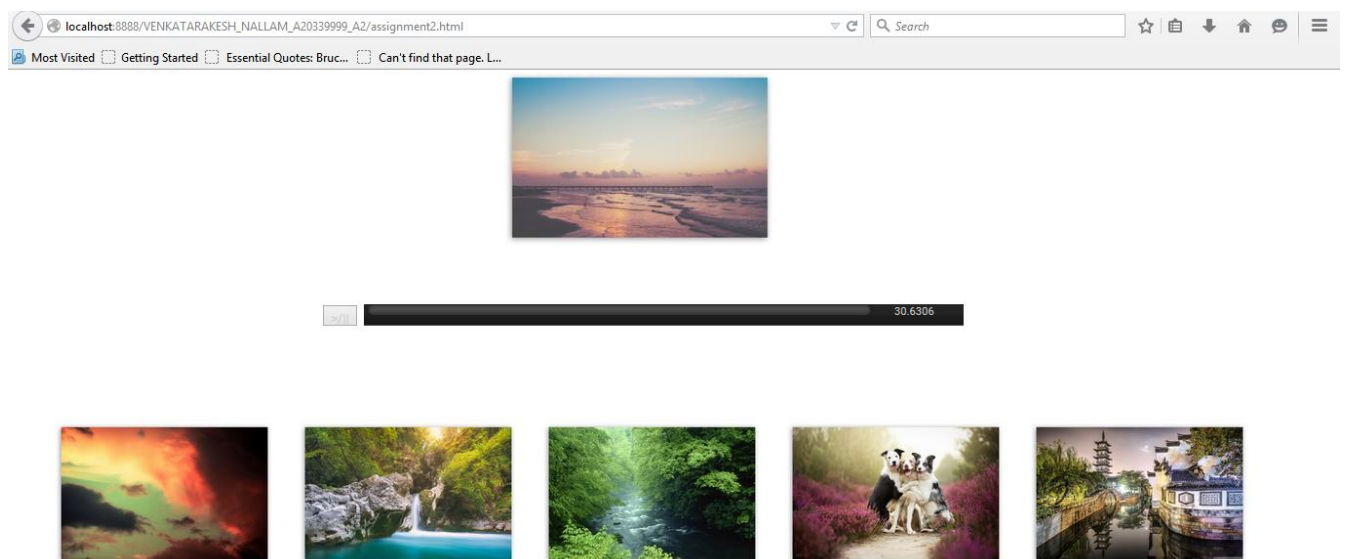
The HTML5 LOCAL STORAGE application is used for resuming the videos when the user pauses the video and refreshed. In this application, the HTML5 storage is also used for storing the watched videos. The list of unwatched videos are displayed first for the user using the LOCAL STORAGE.

5) Describe the use of the HTML5 Audio and Video APIs and compare and contrast the HTML5 APIs to legacy audio and video solution
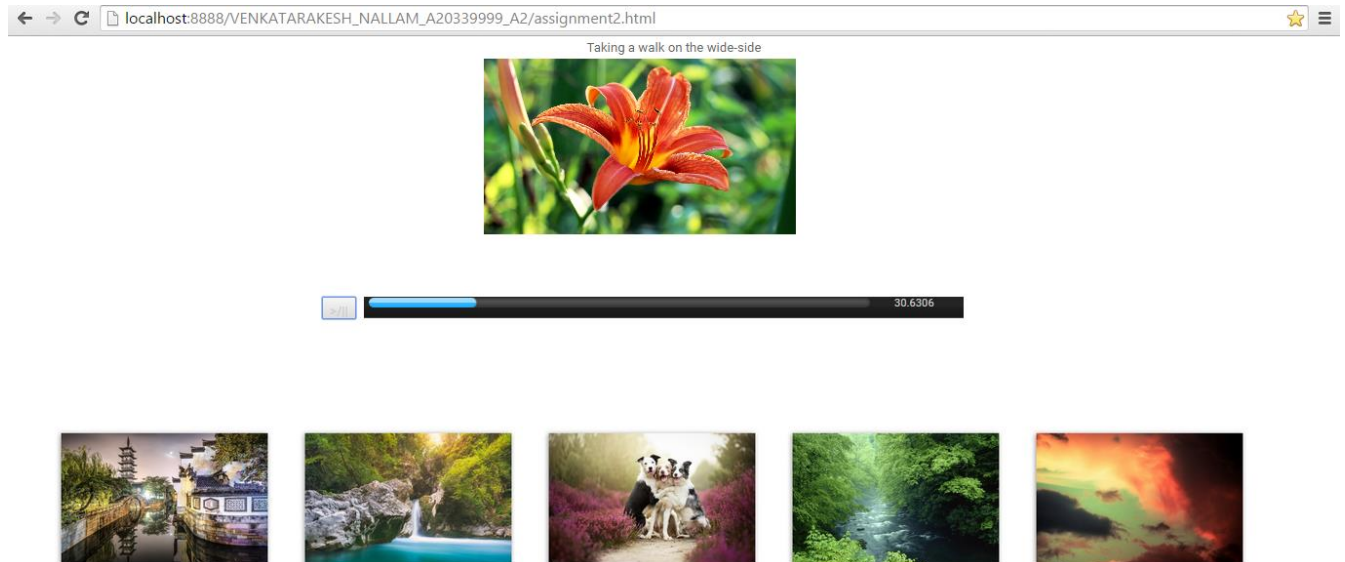
The HTML5 video APIs are more advantageous than the traditional flash players. As adding graphics can be done with ease and the videos get loaded at a faster rate when compared to flash. It doesn't require any flash plugin for playing the videos.
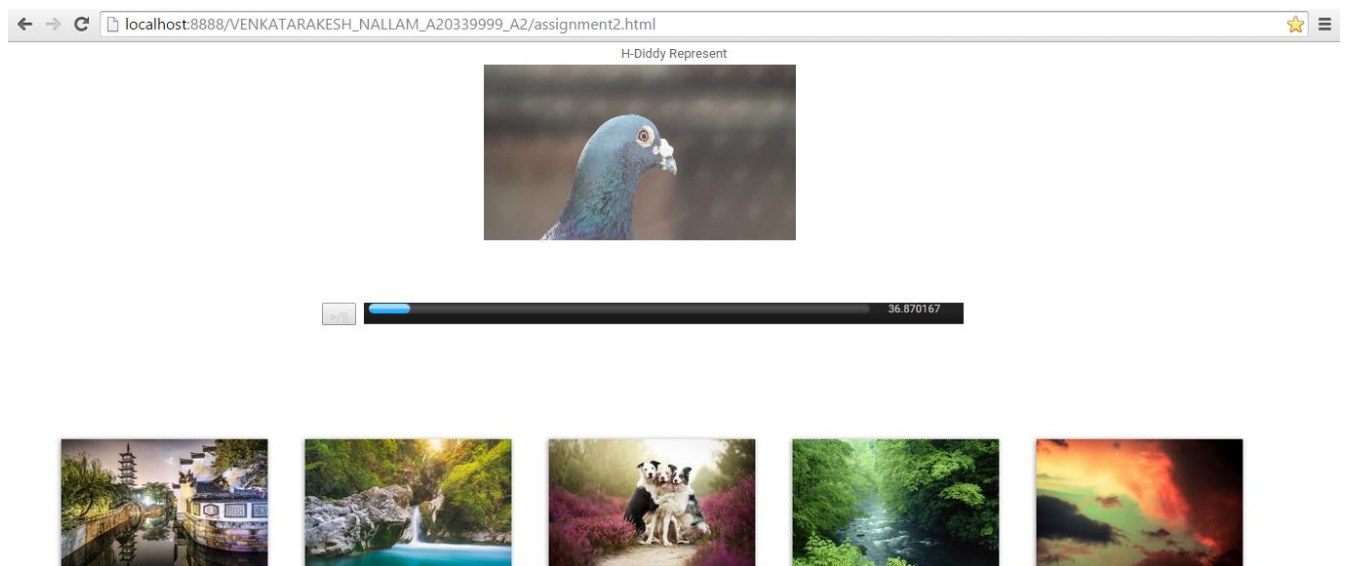
HOME PAGE

The default video container is displayed at the center as shown below. The rest of the videos are showed as thumbnail images.

When the user clicks on the play button, the title of the video is displayed on the page. The progress bar get updated according to the current time of the video.
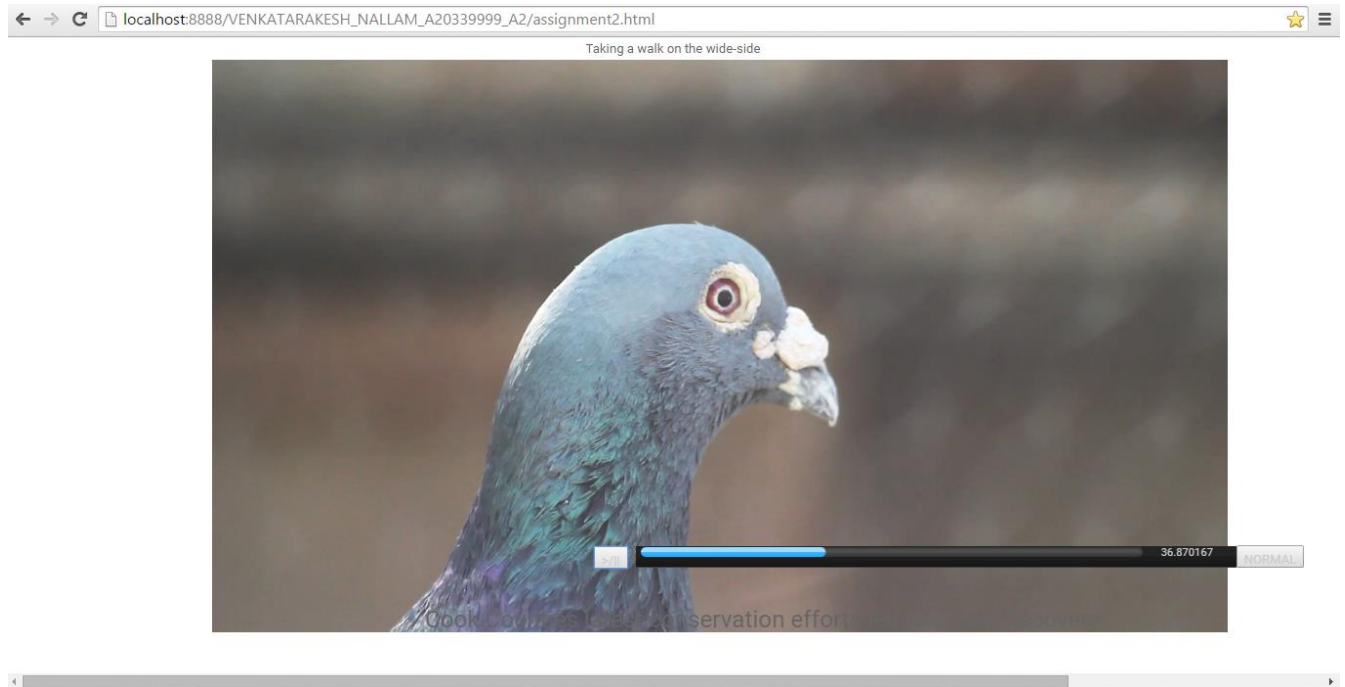

When the user clicks on any thumbnail image, the corresponding video is loaded in the default container along with the title of the video.

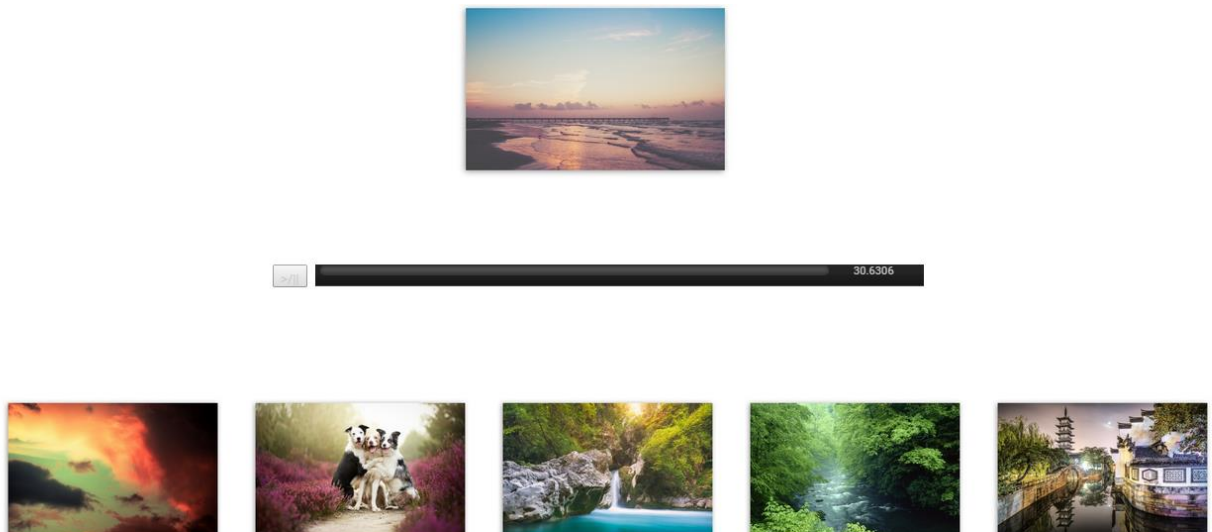The user can anytime play or pause the video using the play pause button.

When the video get completed by 25 percent, the container upgrades to theatre mode.

The description of the video is displayed on the bottom with a slide in from the left.

When the user wants the mode to change to normal view. The user can click on the NORMAL button present on the right.

When this button is clicked, the page gets updated to normal view as shown below

When the user pauses the video, the video resumes from the paused location. This is achieved by means of the local storage. The following video was paused at time 5s and refreshed. The video refreshed without any issues from the time 5 seconds.