There will be three primary site formats:

* MAIN PAGE, or “Index”;
* INDIVIDUAL HIKE SITE – without Google map indicating hike taken;
* INDIVIDUAL HIKE SITE – with Google map indicating hike taken.

WEBSITE DIRECTORY STRUCTURE:

The website implementation will be placed into a single top-level directory, (option: named “ktha” ??)

The following sub-directories are defined:

* *gpsv*: contains GPSVinput.tsv files for hikes with Google geo-maps; each file shall have a name indicating the corresponding hike. These will be used by javascript to extract Flickr names, descriptions, dates, etc. for photos used on site pages.
* *images*: any images not provided by the Flickr website;
* *scripts*: all site javascript files;
* *pages*: there will be a sub-directory for each of the main hiking sites: with or without Google maps:
  + *wlnks:* “whole” site pages, i.e. with Google maps;
  + *plnks:* “partial” site pages, i.e. without Google maps;
* *styles*: all site style sheets;
* *maps*: all html geo-map files with names indicating the corresponding hike and whether or not track/marker lists are provided (i.e. each hike will have two html files);
* *tools*: place where tools which help in the process of making site pages are placed.

MAIN PAGE:

The following sections will appear in the order given:

The <head> element shall contain (at a minimum) the following:

1. Window frame title or tab title: “????????”

a. <title>????????</title>

b . The following <meta> information shall be supplied:

* *charset*=”utf-8”
* *name*=”description” *content* =”Listing of hikes the authors have undertaken in New Mexico”
* *http-equiv*=”author” *content*=”Tom Sandberg and Ken Cowles”
* *robots*=”nofollow”

1. Links to style sheets, including 960-grid style: *960\_16\_col.*css; and main page style: *main.css*

The <body> element shall contain the following:

1. A div element with container w/ *class*="container\_16 clearfix" (this aligns everything for grid implementation) which encompasses everything in the body;
2. Logo (or Image) and Banner, where the <p> element containing the banner has *id*=”banner”;

*All elements from this point on will include grid alignment classes:*

1. A div element containing the Introduction, with *id*=”intro”;
2. A <p> element with a description of the features to be expected by the reader of the site; *id*=”features”;
3. Two columns of links
   1. Left column will contain links to hikes w/o Google maps:
      1. The column will be defined by a div element with *id*=”partial”;
      2. Column will contain a brief description of what the links in this column will provide;
      3. Links will be provided in a <ul> list element.
   2. Right column will contain links to hikes w/ Google maps
      1. The column will be defined by a div element with *id*=”whole”;
      2. Column will contain a brief description of what the links in this column will provide;
      3. Links will be provided in a <ul> list element.
4. A <p> element with *id*=”closer” to serve as a footer with contact information

OPTIONAL, ONLY IF NEEDED (No need yet identified)

1. Script which includes the current version of the jQuery library;
2. Javascript file for the page.

HIKE WITHOUT GOOGLE MAP:

HIKE WITH GOOGLE MAP:

1. Window frame title or tab title: “SHORT HIKE REF HERE”

The <head> element shall contain the following:

1. a. <title>“SHORT HIKE REF HERE”</title>

b . The following <meta> information shall be supplied:

* *charset*=”utf-8”
* *name*=”description” *content*=(very short description of hike)
* *http-equiv*=”author” *content*=”Tom Sandberg and Ken Cowles”
* *robots*=”nofollow”

1. Links to style sheets for “whole” hike sites: *wlnks.css*
2. Script which specifies current jQuery library (required at this point in the code in order to pre-load javascript for later execution)
3. The body element shall contain the following:
   1. A div element with a *class*=”bodyBox” to define body’s containing box characteristics (in CSS)
   2. A <p> element with an *id*=”page\_title” to hold a banner with the full name of the hike (CSS specifies banner style)
   3. One or more rows of pictures (and a single corresponding geo-map) from the hike, each of which will have a have a corresponding entry in a Flickr album, and a caption, supplied by the corresponding Flickr album’s “name” property, preceded by a date in the following format:

Mon day, year: (e.g. Feb 9, 2013: )

*(NOTE: these will be automatically generated by the page javascript)*

The pictures, depending on the author’s choice, will range from a

single photo to no more than five photos. The last row of pictures will

also include an iframe containing a geo-map created by the GPSVisualizer website, which will not include track or marker lists. When the iframe is clicked on by the user, a new website will appear with a full-size geo-map which does contain track and/or marker lists.

Each row of pictures (and possibly iframe) will not exceed three images. *The row will be created dynamically* by the author’s inclusion of the Flickr photo’s “description” property. *The javascript associated with the page will create the html to load the images and align them on each row, if more than one row is created.*

ALIGNMENT DETAILS: ???????

* 1. A div element which contains detailed information about the hike, including the following (some optional):
     1. Trail description : relative rating of difficulty (subjective, but should align with popular hiking apps and books); description of what will be seen; approximate length of hike, general condition of trail, if trail exists.
     2. General travel directions for accessing the trailhead, or pointer to such directions in hiking reference(s).
     3. Details on how to proceed along the hike, or on specifically

locating the trailhead, if needed.

* + 1. Any noteworthy deviations found from referenced books or hiking apps.
    2. Link(s) to additional information on other websites, relevant to hike (e.g. National Parks, historical contexts, etc.)
    3. A link to the Flickr album corresponding to the hike.