**Final Project**

**Date due:** April 21st, 2017 @ 8:00 AM

**Project name:** Nomadic

**Absolute URL** (to home page):

<http://nomadic.juliamlim.com/home.php> (Live URL)

carmen-sandiego/Nomadic/home.php (GitHub relative path)

**Log-in details: *User****:* helloworld (*username*), 1234 (*password*); ***Admin****:* masteradmin (*username*), 1234 (*password*); ***Advertising Partner****:* advertman (*username*), 1234 (*password*); ***User****:* JohnnySmith (*username*), 1234 (*password*); ***User****:* EmilyDoe (*username*), 1234 (*password*)

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| **Instructions on how to hand in assignments** |
| **MANDATORY RULES**   1. Hand in project through Blackboard **on time**. 2. Only the Team Leader is to submit the project web site through Blackboard. 3. If assignment is handed in late, then late penalties will apply. |
| **Assignment Documentation**   1. Upload to blackboard all the files, cover pages, and browser documentation 2. This documentation (including the peer evaluations) is to be submitted to the instructor 3. By submitting this documentation, you agree that all work is your own. 4. Assignments will not be returned back but kept for reference of student progress. (Therefore, keep your own copies of all work handed in) |
| **Late Hand In penalties:**  \*Note: ‘Days Late’ are calendar days. This includes weekends, holidays, and all other days.  Subtract 15 % off of mark received - 1 day (up to 24 hours exactly) after due date.  Subtract 30 % off of mark received - 2 days (up to 48 hours exactly) after due date.  Subtract 45 % off of mark received - 3 days (up to 72 hours exactly) after due date.  \*\*\* A zero grade will be received if assignment is handed in later than 3 days  (Later than 72 hours exactly) after due date. |
| **Due Dates and Penalties will be re-assessed with any of the following conditions:**  1. Students who are ill and have a physician's letter. This letter must indicate that the student was incapacitated for 1 week prior to the due date of the assignment, in other words, the student could not work for 1 week prior to the due date, from the beginning date that the assignment was assigned. It is assumed that assignments are not done just before the project is due but throughout the previous week. The College will call the physician to confirm the doctor's document. Therefore, please provide the physician's contact details with the physician's letter. If the student has missed many projects, and the marks indicate a failure, and the semester is over, then the student will be asked to repeat the course during the following school year due to limitations of semester time periods at the College.  2. Students who have a death in the family, and can confirm this with proper documentation. This death could be that of a family member or a family pet. The student will be granted a reasonable time to take care of family matters after which the assignment will be required. The College will call the appropriate institutions to confirm this documentation. If the student has missed many assignments, and the marks indicate a failure, and the semester is over, then the student will be asked to repeat the course during the following school year due to limitations of semester time periods at the College.  3. If the student has a family member who is seriously ill, and the student needs to spend time with this family member, then we will need appropriate documentation from the doctor tending the family member. The College will call the physician to confirm this document. Therefore, please provide the physician's contact details with the physician's letter. If the student has missed many assignments, and the marks indicate a failure, and the semester is over, then the student will be asked to repeat the course during the following school year due to limitations of semester time periods at the College. |

\*\*\*Add/remove and complete the following chart for every team member.

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| --- | --- |
| **Team Leader - \*Required Information** | |
| Name: | Shoib Khan |
| Student Number: | N00497577 |
| Email: | **[khns0624@humbermail.ca](mailto:khns0624@humbermail.ca)** |
| Signature:  \*\*\*Assignment will not be marked without the student's signature.  \*\*\*digital signatures. | shoby.jpg |
| Files “Designed” in this project by this team member (including specific image file names, etc.). | Files Developed in this project by this team member. |
| forum.php | forum.php |
| includes/forumview.php | includes/forumview.php |
|  | Classes/Forum.php |
| bookings.php | bookings.php |
| hotels.php | hotels.php |
| hotelbooking.php | hotelbooking.php |
| hotelreserveration.php | hotelreservation.php |
|  | booking.css |
| media/booking/airplane.svg |  |
| media/booking/bed.svg |  |
| media/booking/bangkok.png |  |
| media/booking/tulumcrop.png |  |
| media/booking/budapest.png |  |
| media/booking/hotel4.jpeg |  |

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| **Team Member - \*Required Information** | |
| Name: | Mia Ellis-Lee |
| Student Number: | n01184994 |
| Email: | [miasloaneellis@gmail.com](mailto:miasloaneellis@gmail.com) |
| Signature:  \*\*\*Assignment will not be marked without the student's signature.  \*\*\*No digital signatures. |  |
| Files “Designed” in this project by this team member (including specific image file names, etc.). | Files Developed in this project by this team member. |
| activity\_edit.php | activity\_edit.php |
| citypages\_admin\_add.php | citypages\_admin\_add.php |
| citypages\_admin\_edit.php | citypages\_admin\_edit.php |
| citypages\_admin.php | citypages\_admin.php |
| citypages\_edittip.php | citypages\_edittip.php |
| citypages.php | citypages.php |
| contactus\_admin\_edit.php | contactus\_admin\_edit.php |
| contactus\_admin\_add.php | contactus\_admin.php |
| contactus.php | contactus.php |
| create\_vacation.php | create\_vacation.php |
| my\_vacations.php | my\_vacations.php |
| vacation\_details.php | vacation\_details.php |
| errors/nomadic404.php | includes/citypages\_adddash.php |
| media/logo.svg | includes/citypages\_bangkok\_photos.php |
| media/favicon.svg | includes/citypages\_budapest\_photos.php |
| media/feature-icons/Booking.svg, png | includes/citypages\_dash.php |
| media/feature-icons/Cities.svg, png | includes/citypages\_tulum\_photos.php |
| media/feature-icons/Curator.svg, png | includes/dash.php |
| media/feature-icons/Events.svg | includes/footer.php |
| media/feature-icons/Home.svg, png | includes/header.php |
| media/feature-icons/Itinerary.svg, png | errors/nomadic\*.php |
| media/feature-icons/Wallet.svg, png | .htaccess |
| media/feature-icons/dash-icons/Booking.svg, png | css/style.css |
| media/feature-icons/dash-icons/Cities.svg, png | Classes/Destinations.php |
| media/feature-icons/dash-icons/Curator.svg, png | Classes/FeedbackForms.php |
| media/feature-icons/dash-icons/Events.svg | Classes/ItineraryItems.php |
| media/feature-icons/dash-icons/Home.svg, png | Classes/Tips.php |
| media/feature-icons/dash-icons/Itinerary.svg, png | Classes/Vacations.php |
| media/feature-icons/dash-icons/Wallet.svg, png | Classes/Validation.php |
| media/user-profile/default-avatar.jpg | home.php |
| home.php |  |

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| **Team Member - \*Required Information** | |
| Name: | Julia Lim |
| Student Number: | N01156110 |
| Email: | **[juliamlim@hotmail.com](mailto:juliamlim@hotmail.com)** |
| Signature:  \*\*\*Assignment will not be marked without the student's signature.  \*\*\*No digital signatures. |  |
| Files “Designed” in this project by this team member (including specific image file names, etc.). | Files Developed in this project by this team member. |
| events.php | events.php |
| locations.php | locations.php |
| users.php | users.php |
| dashboard.php | dashboard.php |
| permission.php | permission.php |
| register.php | register.php |
| settings.php | settings.php |
| includes/header.php | includes/header.php |
| includes/footer.php | includes/footer.php |
| includes/dash.php | includes/dash.php |
| includes/admin.php | includes/admin.php |
| includes/nomad.php | includes/nomad.php |
| includes/advert.php | includes/advert.php |
| media/user-profile/default-avatar.jpg | includes/alert.php |
| media/ location-images / default.svg | includes/advert.php |
| media/ location-images /Grand Palace-loc.jpg | includes/advertise.php |
|  | includes/eventsForm.php |
|  | includes/ locationForm.php |
|  | includes/ locationsList.php |
|  | includes/ login.php |
|  | includes/ logout.php |
|  | includes/togglePassword.php |
|  | includes/usrmgForm.php |
|  | Classes/DbConnect.php |
|  | Classes/Events.php |
|  | Classes/Locations.php |
|  | Classes/Users.php |
|  | css/style.css |
|  | js/map.php |
|  | js/script.php |
|  | xml/\* |

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| **Team Member - \*Required Information** | |
| Name: | Eric Smith |
| Student Number: | N00974465 |
| Email: | [ericsmth884@gmail.com](mailto:ericsmth884@gmail.com) |
| Signature:  \*\*\*Assignment will not be marked without the student's signature.  \*\*\*No digital signatures. |  |
| Files “Designed” in this project by this team member (including specific image file names, etc.). | Files Developed in this project by this team member. |
| updatebudget.php | events.php |
| budget.php | locations.php |
| searchresults.php | users.php |
| searchadd\_admin.php | dashboard.php |
| includes/search.php | permission.php |
| includes/searchforum.php | register.php |
| media/user-profile/star.svg | settings.php |
| media/user-profile/star-bronze.svg | includes/header.php |
| media/user-profile/star-silver.svg | includes/footer.php |
|  | includes/dash.php |
|  | includes/admin.php |
|  | includes/nomad.php |
|  | includes/advert.php |

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| **Team Member - \*Required Information** | |
| Name: | Evan Pizzolato |
| Student Number: | n8157378 |
| Email: | **[evanpizzolato@gmail.com](mailto:evanpizzolato@gmail.com)** |
| Signature:  \*\*\*Assignment will not be marked without the student's signature.  \*\*\*No digital signatures. |  |
| Files “Designed” in this project by this team member (including specific image file names, etc.). | Files Developed in this project by this team member. |
| curator.php | Classes/Accommodations.php |
|  | Classes/Destinations.php |
|  | Classes/Activities.php |
|  | Classes/Experience.php |
|  | Classes/Locations.php |
| includes/footer.php | Classes/OfflineMode.php |
| Classes/Forum.php | Classes/Forum.php |
| css/style.css | Classes/Votes.php |
|  | js/topics-voting-system.js |
|  | ajax/topics-voting-system.php |

\*\*\*NOTE: This is a group mark.

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| **Mark:** | **/12** | **/8** | **/20** |
| **Description:** | **User Interface**   * Professional, clean and marketable **(2)**   + - Easy to read content     - Complimentary colors     - Simple, clean design * Easy to navigate / Usability **(2)** * Easy to understand navigation * Easy to locate anything * Understandable page flow * Consistent layout **(2)**/ Cross-browser compatible **(2)** * Use template for all pages * Relevant content/images (not lorem ipsum) **(2)** * Responsive **(2)**   + Tablet, mobile, desktop | **Database design**   * + Proper naming conventions for tables and columns **(3)** * Consistency (with naming-uppercase lowercase) * Meaningful table and column names * Normalize/optimize table **(3)** * Table relationship (primary/foreign key) **(2)** | **Total (for overall web site)** |

\*\*\*NOTE: The following items are for individual marks.

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| **Peer Review** | **/5** |

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| **Mark:** | **/15** | **/5** | **/5** | **/25** |
| **Description:** | **Tier 1**   * Database-driven **(4)** * OOP **(4)** * It works as designed **(2)** * Usability **(1)** * Commenting code descriptively (all files) **(1)** * Labeling controls / Following proper naming conventions **(1)** * Professionalism and functionality **(2)** | **Tier 2**   * Robustness and efficiency **(2)**   + Clear, efficient coding   + Properly structured and maintainable * Dynamic / Interactive **(3)** | **Tier 3**   * Independent initiative (going beyond what has been covered in the course/program) | **Total of 25 marks per page / feature** |

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| **Feature #1**  Message Board (Forums) | URL: <http://nomadic.juliamlim.com/forum.php>  Description: The Message Board will primarily be used for registered users to discuss various travel related topics. It is composed of three views: list of categories, list of topics within a category, and finally a list of replies within a topic. A user will be able to create a new topic as well as reply to the topics however they will not be able to create new categories. Creating a new topic is a simple process: a logged-in user will click on one of the predefined categories and and once on the “topics” view there is an input where they can enter the title for the new topic and an option list which quickly allows them to add the topic to any category. In the replies views will display the username as well as a textarea with a built-in text editor which will allow them to create replies. When a user replies to a topic it will display their username, timestamp of the message, and the message itself. Included in the forums is a Search feature (created by Eric) and an Upvote/Downvote feature (created by Evan). | | | |
| /15 | /5 | /5 | TOTAL /25 |

**Developer’s Name:** Shoib Khan

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| **Feature #2**  Booking System | URL: <http://nomadic.juliamlim.com/bookings.php>  Description: The Booking System will incorporate the ability to book both Flights and Hotels. On the main Bookings page the Visitor will see two tabs (flights and hotels) and will automatically display the flight search feature, they can switch to the hotel switch feature by clicking on the hotel icon tab. The flight search function is an external widget provided by [skyscanner.com](http://skyscanner.com). This widget allows the visitor to select the start and end locations for their flight as well as the dates they are looking to visit. Once they click on the Search button the information will be posted to an external website ([www.skyscanner.com](http://www.skyscanner.com)) with the information they provided and from there they will be able to book their flight. This is a live feature which means booking a flight is real. In the Hotel booking tab will display where they are looking to go, there is only a select list of cities available to book accommodations as we focused on them throughout the website. Once all of the options are selected the page will post to a site display all of the hotels available for the selected city as well as the price per night. In this page they can select one of the hotels which will take them to a reservation form for the user to input they personal details. Once complete, the feature will display a reservation confirmation to be displayed. | | | |
| /15 | /5 | /5 | TOTAL /25 |

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| **Feature #3**  Wifi Finder | URL: <http://nomadic.juliamlim.com/locations.php>  Description: The Wifi finder is a utility for a registered user to find locations which have free Wifi available within one of the specified cities (Tulum, Bangkok, or Budapest). This feature was originally meant to be its own page, however, as the project went on I decided to simply integrate the feature within the Locations feature (Julia’s feature). This method was preferred as it allows the user to access various information about a city quickly and easily without the need of navigating to multiple pages. The feature works by displaying a list of free wifi locations along with a list of hotels and accommodations. | | | |
| /15 | /5 | /5 | TOTAL /25 |

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| **Feature #1:**  Feedback Form | URL: <http://nomadic.juliamlim.com/contactus.php>  Description: This feature will allow users to contact site administrators through a feedback form that will create data and store the data from the form into a database. User IDs are sent to the database through a hidden field so administrators will be able to reference which user sent what form. Users will see a link to the contact form on the site footer. Clicking on the link will redirect the user to the contact form where they will be able to submit a form (given the data entered is valid).  Administrators will be able to review the information submitted to the database and respond to users who have submitted a form through the required e-mail field on the form or their phone number if the user chose to include this information. Administrators will also be able to edit or delete a submitted form. You must be logged into an administrator account to access administrator features. | | | |
| /15 | /5 | /5 | TOTAL /25 |

**Developer’s Name:** Mia Ellis-Lee

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| **Feature #2:**  Itinerary Planner | URL: <http://nomadic.juliamlim.com/my_vacations.php>  Description: The purpose of this tool is to allow users to create, edit, delete and view travel itineraries. Each itinerary is a standalone unit called a “Vacation”. Users then enter in activities into this Vacation.  Logged in users will see an icon indicated the Itinerary Planner feature. From here, users will be taken to the Itinerary Planner page, where they will see a list of the “Vacations” they have created. The list of Vacations will also show details about each Vacation. Users can then click on the “Create a Vacation” button in order to add a new Vacation or click on the delete icon to delete a vacation. Users are then redirected to a form where they input the data to create a new Vacation. Users can also add itinerary items (called “Activities”) to their vacation which are organized based on the date of the itinerary item, starting with the earliest item  Users can edit the details of their Vacation and see an expanded list of details as well as the itinerary items for their vacation by clicking on the Edit/Details. From this details page, they can then edit their activities, delete an activity or add a new activity. | | | |
| /15 | /5 | /5 | TOTAL /25 |

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| **Feature #3:**  City Pages | URL: <http://nomadic.juliamlim.com/citypages.php>  Description: The purpose of the City Pages feature is to provide a way for users to view information about a city as well as add their own experiences about the city in a tips section. Logged in users will see an icon indicating the City Pages feature. From here, users will be able to access the different pages of specific cities through a dynamically populated dropdown list.  From the city page, users will be able to review information about the city (for instance, population, major languages spoken, etc.) as well as submit travel tips about the city to the database. When the user selects the “add” icon next to the section of the page containing pre-existing tips, the user will see a form where they can enter in their tip. If the data that the form contains is valid, the data will be submitted to the database and then be visible in the tips section of the relevant city page. Users will also be able to edit or delete their own tips. Next to the tips they have submitted, users will see an “edit” icon, where users can edit their tip.  Administrators will be able to add new cities (which will also be accessible through the “Locations” feature), and edit or delete existing cities. As well, administrators will be able to edit or delete any tip submitted or add their own tip. The ability to edit or delete a tip is accessible through the city page itself or through the city pages administrator dashboard by clicking on the Edit/Delete icon of a city listed in the city pages administrator dashboard. You must be logged into an administrator account to access administrator features. | | | |
| /15 | /5 | /5 | TOTAL /25 |

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| **Feature #1**  Users / User Management | URL: <http://nomadic.juliamlim.com/users.php>  Description: Created a system where a user can register for a basic (Nomad) or advertisement account and login. Administrators are the only users capable of creating other administrator accounts. All users can edit their own settings and upload a profile picture.  Administrators can delete or edit users’ information other than the avatar and the username, which cannot be changed after a new user is created. | | | |
| /15 | /5 | /5 | TOTAL /25 |

**Developer’s Name:** Julia Lim

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| **Feature #2**  Locations | URL: <http://nomadic.juliamlim.com/locations.php> (broken because of permission issues)  Git Path : carmen-sandiego/Nomadic/locations.php  Description: This feature allows administrators to add, edit and delete locations from a map that is available for the nomadic users to view. It stores the locations of relevant points to the users that are travelling to the featured destinations on the site (accommodations, activities, wifi, etc.).  Using google maps, each point is displayed on the map with the link and image associated with the location. If an administrator is logged in the points will display links to the edit and delete location pages, but when a nomad user is logged in they will just be able to see the information and browse by clicking a destination button or a location in the table beneath it. | | | |
| /15 | /5 | /5 | TOTAL /25 |

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| **Feature #3**  Events | URL: <http://nomadic.juliamlim.com/events.php> (broken because of permission issues)  Git Path : carmen-sandiego/Nomadic/events.php  Description: This feature is for an advertisement user to create events and pay to advertise the event to other users. The advertisement user can create edit and delete their own events then activate an advertisement campaign by purchasing time through the Stripe API. When there is an active campaign the user will not be able to buy additional time until the campaign is over.  When the event is active the other nomadic users will be able to see the event on the events page along with all the other active events created by any advertisement user. When the advertisement period is over the event will disappear from the public map, but the user can always purchase more time to make it active again. | | | |
| /15 | /5 | /5 | TOTAL /25 |

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| **Feature #1**  Travel Wallet | URL: <http://nomadic.juliamlim.com/budget.php>  Description:  The Travel Wallet feature can be used as a way for travellers to manage their money and track their spending. Users can create a new budget, giving it a name, date, and balance. Below the add budget form a list of any budgets associated with a particular user is dynamically populated from the database. Users can also delete budgets they no longer have a use for, and can update budgets. When updating a budget, users can Rename the budget, change the balance, and input transactions. To add a Transaction, users simply input an amount and select “debit” or “credit” from the dropdown list. Debit transactions add the entered amount to the balance, where as credit transactions deduct from the balance. Underneath the edit/update budget form, Transaction history is listed by date and amount, dynamically populated from the database, with the most recent transactions appearing at the top. | | | |
| /15 | /5 | /5 | TOTAL /25 |

**Developer’s Name:** Eric Smith

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| **Feature #2**  Search | URL: Search bar available on header of all pages, search results page at <http://nomadic.juliamlim.com/searchresults.php>  Description:  The Search feature is a means by which users can search for and navigate to features on the site, as well as search for information in the forum by keyword search. The Search Bar appears in the header for the site, which acts as a feature finder. A user need only type in the name of the feature they wish to use, and the feature name (displayed as an active link that can be used to navigate to that feature) along with a description appears. If no results match the search, the user gets the message “No Results Returned”. Users can also view their search history, organized by date in descending order, and the search query they entered again appears as an active link , allowing them to navigate back to that exact search. Users can also delete their Search History. In the forum, an additional search bar exists where users can search the forum by keyword, and results are displayed in a table by category name, category description, topic title, topic date, reply, reply date, and username. | | | |
| /15 | /5 | /5 | TOTAL /25 |

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| **Feature #3**  Ambassador | URL: <http://nomadic.juliamlim.com/forum.php>  Description:  The Ambassador feature is an add on to the forum that serves as means to Users to know which posts are made by Users that are trusted and credible by the Nomadic community. Users that have received a collective total of at least 100 points or more get a bronze star beside their name in the forum to indicate the ambassador rank of “Wanderer”. This way, other users no posts by them are generally received by the community and the information can be trusted. Users with 200 or more points get a silver star to indicate the rank of “Vagabond”, which means they are even more credible still. Users with 300 or more points get a gold star beside their name to indicate the rank of “Ambassador”, meaning anything they say can be trusted. If a user drops below any of these tiers they are demoted accordingly. | | | |
| /15 | /5 | /5 | TOTAL /25 |

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| **Feature #1**  Curator | URL: <http://nomadic.juliamlim.com/curator.php>  Description:This feature allows users to choose where they would like to vacation, their experience level (which is the type of budget they have for their vacation; ‘Budget’, ‘Modest’ or ‘Luxury’), and for how many nights they would like to go for. Once the user has inputted all this required information they then click ‘Create Vacation’ which outputs a pre compiled vacation for them. In the output they are giving a hotel to stay at based on their experience level (with an image of the hotel and a description), contact information and website for the hotel, and an approximate amount for the trip (all hotel per night cost is taken from [tripadvisor.com](http://tripadvisor.com)).  Each location, regardless of experience level chosen, will output 3 activities they can engage in at listed location. The 3 activities include an image, brief description, and a link for more information (Links to [tripadvisor.com](http://tripadvisor.com)). | | | |
| /15 | /5 | /5 | TOTAL /25 |

**Developer’s Name:** Evan Pizzolato

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| **Feature #2**  Offline Mode | URL: Offline mode available on footer of all pages  Description: This feature is located in the footer of all pages. It is simply a button that reads “Download for Offline Use (PDF)” and when the user clicks the button, it read the current URL and prompts the user to save a PDF file called ‘yourvacation.pdf’ to local disk. This pdf contains the the webpage in a pdf document, styles and all, which allows the user to view any information they found useful on Nomadic at any time without an internet connection. | | | |
| /15 | /5 | /5 | TOTAL /25 |

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| **Feature #3**  Voting System | URL: <http://nomadic.juliamlim.com/forum.php>  Description: This feature can be found in the Forum, under topics of each location (see forum.php). It is a voting system where the user can vote up or vote down on how useful they find the topic. Total for votes is logged to database and displays between the arrows how many positive or negative votes each topic has received. A message in green shows every time a user votes that reads “thank you for voting”. This system is based on cookies, so a user can only vote for each topic once a day, but can still vote on other topics they have not already voted on. | | | |
| /15 | /5 | /5 | TOTAL /25 |

THE FOLLOWING are all REQUIRED TO MARK THIS PROJECT:

USE Microsoft Word for Screen Prints Only, but not design software.

Label each screen print in the Word document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Mark with the** Ö **each requirement fulfilled.** | | | | |
| Item | Use the Folder  Name | Include the Following | Format | Ö |
| 1 | your choice | All Code for this assignment | soft copy | Ö |
| 2 | DB | Database backup for each table as .sql or .txt file | soft copy | Ö |
| 3 | Images | Images | soft copy | Ö |
| 4 | CSS | CSS file(s) | soft copy | Ö |
| 5 | readme.txt | username, password, link to the first page | soft copy | Ö |
| 6 | Browser | Browser view screen prints of each and every page in assignment. The screen prints must be in a Word file, labeled, and readable at 100% zoom. The URL of the page must be included in the screen print and fully readable. | soft copy | Ö |
| 7 | DOC | This Assignment Document - filled | soft copy | Ö |