Mykonos Recommended – Full Testing document

Testing User Stories

As a user who is looking to visit, or currently visiting Mykonos, I want to learn more about the best things to see on Mykonos, recommended restaurants on Mykonos, and learn about the different areas of Mykonos.

- Recommendations on the website have been split into 3 simple and clear categories: Attractions, Restaurants and Areas.
- These sections are available to the viewer upon landing on the site in the simple and clean navigation.
    - When a user clicks on one of these navigation items, the site is expected to take the user directly to the corresponding section
        - Upon testing, the site responds as expected. (Full navigation testing below).
- The 3 categories are again available below the jumbotron, with images to represent each category, a title, and clear 'Show Me' call to action buttons.
    - When a user clicks on one of these 'Show me' buttons, the site is expected to take the user directly to the corresponding section
        - Upon testing, the site responds as expected and takes the user to the selected section of the website. (Full 3 Topics testing below).
- The 3 category sections are also titled with headers clearly to match the category names.
- All of these options give the user multiple ways to find the content for the best things to see on Mykonos.

As a user, I want to be able to contact the admin of the website to be able to ask for more information.

- A clear Contact Us navigation item is visible on the main navigation bar as soon as the user lands on the site.
- This links the user to a Contact Us form at the bottom of the homepage, making it easy for the user to send a message to the site owner, and for the user to not have to leave the site to send the message from an email client.
- When a user clicks on the Contact Us navigation item, the site is expected to take the user to the Contact Us form, which the user can then fill in.
    - Upon testing, the site acts as expected and takes the user to the form. (Full Contact form testing below).

As a user, I want to be able to locate the recommended places shown to me on the website on a map.

- All recommendations have been individually added to a Google Map embedded into the website.
- Each item has been added to the map using 1 of 3 custom icons which represent each of the 3 categories, making the markers clear and distinguishable.

- Each marker includes a popup label which includes the same image and title of the recommendation as to the listed recommendation further down the page for familiarity and ease of location, as well as a link back to the recommendation listed on the homepage.
- The map can be found easily by the user via the main navigation item 'Map'
- The site is expected to take the user to the map section of the website when the 'Map' navigation item is clicked.
  - Upon testing, the site acted as expected, taking the user swiftly and simply to the map. (More map and navigation technical tests conducted below.)

As a user, I want to be able to find other places on a map, such as restaurants, cafes, beaches and more.
- By installing the Google Places API and a search box, users can type in a search term or specific place.
- Results are returned by Google Places and marked on the map with a red marker.
- The map and search bar can be found easily by the user via the main navigation item 'Map'

Testing Site Owner Stories

As the site owner, I want to be able to pass on my knowledge of the island to those wishing to visit in a clear and simple way.
- Using 3 simple categories: Restaurants, Attractions and Areas, the website can present the website owners top recommendations of Mykonos in a clear and easy format. This enables the website owner to provide a shortlist of tried and tested recommendations, as opposed to an overwhelming list of places to visit.
- Category items are easily found from the main navigation as well as beneath the jumbotron with clear headers and CAT links.
  - When one of these category navigation links are clicked, the site is expected to take the user to the corresponding section on the site.
    - After testing, the website responds as expected and takes the user to the correct sections of the site.
- Recommendations are presented in a clear, image-based layout, with full-text descriptions hidden behind *Tell me more…* buttons to keep the website clean throughout.

As the site owner, I want visitors to click through to recommended restaurants and sponsor sites.
- Each of the Restaurant recommendation descriptions includes a link to click through to the restaurant website so the user can book a table or find out more about that restaurant.
- When one of these links is clicked, the site is expected to take the user to the corresponding URL, opening in a new tab.
  - Upon testing each link, the website responded as expected and all links opened correctly and in a new tab.

Further testing
- The website as tested on Google Chrome, Internet Explorer and Firefox browsers.
- The website was viewed on a variety of devices including Desktop, Laptop, iPad, and the mobile options provided by Google chrome developer tools.

Navigation:
When the user clicks on one of the navigation items, the site is expected to take the user to the corresponding section of the website.

- Check each navigation item links to the correct page or page anchor:
    - Home – passed. The site acted as expected
    - Attractions – passed. The site acted as expected
    - Restaurants – passed. The site acted as expected
    - Areas – passed. The site acted as expected
    - Contact Us - passed. The site acted as expected
- Test navigation toggle worked on;
    - Mobile - passed. The site acted as expected
    - iPad - passed. The site acted as expected
- Test navigation items worked on
    - Mobile - passed. The site acted as expected
    - iPad - passed. The site acted as expected
    - Responsive Device Mode using web dev tools - passed. The site acted as expected

Jumbotron Test
- Check the view of the header image on various devices
    - Portrait – passed.
    - Landscape –
        - When the website was tested on screens between 767.98px and 575.98, it did not display properly and needed fixing so text appeared clear and correctly.
        - To fo this, I added a media query to cover these size screens.
        - Upon second testing, the website jumbotron displayed correctly and as expected on all devices.

3 Topics Section Tests
The site is expected to link to the corresponding section when the user clicks the *Show Me* button beneath each section.
- When the user clicks the '*Show me*' button beneath *Recommended Attractions,* the site should take the user to the corresponding section of the site.

- Passed – the site takes the user to the section titled *Recommended Attractions on Mykonos* when the user clicks the '*Show me'* button beneath *Recommended Restaurants,* the site should take the user to the corresponding section of the site.
  - Passed – the site takes the user to the section titled *Recommended Restaurants*
- When the user clicks the '*Show me'* button beneath *Recommended Areas to Visits,* the site should take the user to the corresponding section of the site.
  - Passed – the site takes the user to the section titled *Recommended Areas of Mykonos*

Test *Map* Feature

Test each of the 12 custom markers opens, displays image and links to the correct area of the website.

When a user clicks on one of the custom markers on the map, the site is expected to:
- Open an info window
- Display an image in the info window which is the same image as displayed in one of the 12 recommendations of the site
- Display a link which links correctly to the corresponding recommendation further down on the website.

Mykonos Windmills
- Info window opens: Passed, the site acted as expected
- The image is displayed: Passed, the site acted as expected
- Link working and correct: Passed, the site acted as expected

Armenistis Lighthouse
- Info window opens: Passed, the site acted as expected
- The image is displayed: Passed, the site acted as expected
- Link working and correct: Passed, the site acted as expected

Little Venice
- Info window opens: Passed, the site acted as expected
- The image is displayed: Passed, the site acted as expected
- Link working and correct: Passed, the site acted as expected

Panagia Paraportiani
- Info window opens: Passed, the site acted as expected
- The image is displayed: Passed, the site acted as expected
- Link working and correct: Passed, the site acted as expected

Hippie Fish
- Info window opens: Passed, the site acted as expected
- The image is displayed: Passed, the site acted as expected
- Link working and correct: Passed, the site acted as expected

Kounelas Fish Taverna
- Info window opens: Passed, the site acted as expected
- the image displayed: Passed, the site acted as expected

- Link working and correct: Passed, the site acted as expected

Lefteris GrillHouse
- Info window opens: Passed, the site acted as expected
- The image displayed: Passed, the site acted as expected
- Link working and correct: Passed, the site acted as expected

Bakalo Greek Eatery
- Info window opens: Passed, the site acted as expected
- The image is displayed: Passed, the site acted as expected
- Link working and correct: Passed, the site acted as expected

Mykonos Town
- Info window opens: Passed, the site acted as expected
- The image is displayed: Passed, the site acted as expected
- Link working and correct: Passed, the site acted as expected

Ornos
- Info window opens: Passed, the site acted as expected
- The image is displayed: Passed, the site acted as expected
- Link working and correct: Passed, the site acted as expected

Platis Gialos
- Info window opens: Passed, the site acted as expected
- The image is displayed: Passed, the site acted as expected
- Link working and correct: Passed, the site acted as expected

Test *'Show Me More…'* buttons

1. **When a 'Show me more…' button is clicked by a user, the website is expected to toggle display more information about that recommendation via a toggle animation.**
2. **When a 'Show me more…' button is clicked by a user and the text is displayed, the button text should change to 'Show me less…'**
3. **Upon a second click of the 'Show me more…' button (which should now be 'Show me less…' the text toggle hides**
4. **Upon the second click of the 'Show me more…' button (which should now be 'Show me less…') the button text returns to 'Show me more…'**

- **Mykonos Windmills *'Tell me more…'* button**
  - First click: Display text via toggle and button text changes to 'Show me less…'
    - Passed – site acted as expected
  - Second click: Text hides and button returns to 'Show me more…'
    - Passed – site acted as expected
- **Armenistis Lighthouse *'Tell me more…'* button**
  - First click: Display text via toggle and button text changes to 'Show me less…'
    - Passed – site acted as expected
  - Second click: Text hides and button returns to 'Show me more…'
    - Passed – site acted as expected
- **Little Venice *'Tell me more…'* button**
  - First click: Display text via toggle and button text changes to 'Show me less…'
    - Passed – site acted as expected

- Second click: Text hides and button returns to 'Show me more…'
  - Passed – site acted as expected
- **Panagia Paraportiani** *'Tell me more…'* **button**
  - First click: Display text via toggle and button text changes to 'Show me less…'
    - Passed – site acted as expected
  - Second click: Text hides and button returns to 'Show me more…'
    - Passed – site acted as expected
- **Hippie Fish** *'Tell me more…'* **button**
  - First click: Display text via toggle and button text changes to 'Show me less…'
    - Passed – site acted as expected
  - Second click: Text hides and button returns to 'Show me more…'
    - Passed – site acted as expected
- **Kounelas Fish Taverna** *'Tell me more…'* **button**
  - First click: Display text via toggle and button text changes to 'Show me less…'
    - Passed – site acted as expected
  - Second click: Text hides and button returns to 'Show me more…'
    - Passed – site acted as expected
- **Lefteris GrillHouse** *'Tell me more…'* **button**
  - First click: Display text via toggle and button text changes to 'Show me less…'
    - Passed – site acted as expected
  - Second click: Text hides and button returns to 'Show me more…'
    - Passed – site acted as expected
- **Bakalo Greek Eatery** *'Tell me more…'* **button**
  - First click: Display text via toggle and button text changes to 'Show me less…'
    - Passed – site acted as expected
  - Second click: Text hides and button returns to 'Show me more…'
    - Passed – site acted as expected
- **Mykonos Town** *'Tell me more…'* **button**
  - First click: Display text via toggle and button text changes to 'Show me less…'
    - Passed – site acted as expected
  - Second click: Text hides and button returns to 'Show me more…'
    - Passed – site acted as expected
- **Ornos** *'Tell me more…'* **button**
  - First click: Display text via toggle and button text changes to 'Show me less…'
    - Passed – site acted as expected
  - Second click: Text hides and button returns to 'Show me more…'
    - Passed – site acted as expected
- **Platis Gialos** *'Tell me more…'* **button**
  - First click: Display text via toggle and button text changes to 'Show me less…'
    - Passed – site acted as expected
  - Second click: Text hides and button returns to 'Show me more…'
    - Passed – site acted as expected

<u>Contact Form:</u>

- **When a user clicks 'Contact Us' form the navigation, the site should take the user down the page to the contact form section**
  - Passed, the site acted as expected
- **If a user leaves a required field empty or fills the email address incorrectly, the site should display an error message:**
  - Empty form – Website acted as expected. The form would not submit, and an error message was displayed
  - Empty name field – Website acted as expected. The form would not submit, and an error message was displayed
  - Empty email field – Website acted as expected. The form would not submit, and an error message was displayed
  - Incorrect email format – Website acted as expected. The form would not submit, and an error message was displayed
  - Empty message field – Website acted as expected. The form would not submit, and an error message was displayed
- **All the above tests repeated on various devices**
  - Landscape – passed, website acted as expected
  - Portrait – passed, website acted as expected
- **All the above tests repeated on various devices**
  - passed, website acted as expected

Social Media Test Links:
When a user clicks on a social media icon in the footer, the website is expected to open a URL to that social media channel in a new tab.
  - Facebook – passed, the website acted as expected and opened the link in a new tab.
  - Instagram – passed, the website acted as expected and opened the link in a new tab.
- Check each link opened in a new tab
  - Facebook – passed, the website acted as expected and opened the link in a new tab.
  - Instagram – passed, the website acted as expected and opened the link in a new tab.
- Check social media links open correct apps on mobile
  - Facebook – passed, the website acted as expected and opened the link in a new tab.
  - Instagram – passed, the website acted as expected and opened the link in a new tab.
- Check social media links on iPad
  - Facebook – passed, the website acted as expected and opened the link in a new tab.
  - Instagram – passed, the website acted as expected and opened the link in a new tab.

Scroll To Top Button

- When a user lands on the website, the scroll to top button should not display until the user scrolls 50px down the page
  - Upon testing, the site loads without the button showing, and then displays the button when the user starts to scroll down the page, starting at 50px from the top.
- When the user clicks on the back to top button from anywhere on the site, the site will respond by taking the user back to the top of the page.
  - Upon testing the button, the site acts as expected, returning the user to the top of the site.

W3C HTML Validator

- Ran index.html through validator to check there were no syntax errors:
  - Failed – 3 images were missing alt tags
    - Alt tags added and tested again
  - Passed

W3C CSS Validator

- Ran style.css though validator to check there were no syntax errors:
  - Passed with no errors

JSHint Testing

Ran JS code though JSHint

- toggle.js: Website ran correctly when user clicks on the 'Show me more…' buttons, however JSHint showed a couple of missing semicolons.
  - After inserting the missing semicolons, buttons still worked as expected.
- scroll-to-top.js: Website ran correctly when user clicks on the scroll to top button, however JSHint showed a missing semicolon.
  - After inserting the missing semicolon, buttons still worked as expected.
  - **Undefined variables & unused variable**
- map.js: Undefined variables & unused variable highlighted
- email.js: Undefined variables & unused variable highlighted