The Gallery Walk Requirements

ASP .NET MVC Web Application for

Lancaster Decisions

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***The 4 bits***

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*Some requirements are rated with a priority of low, medium, high, or blocker when applicable*

**Application frameworks and tools**

* The system shall:
* use the ASP .NET MVC 4 framework
* use the Parse API
* use the Parse service for user login & persistence data
* be developed using Visual Studio
* be developed with the Agile Methodology
* be stored and shared with team members via GitHub source control

**Application Functionality**

* The system shall allow Art Gallery Owners to:
* Sign up for an account --------------------------------------------------- blocker
* Log into their account ---------------------------------------------------- blocker
* Edit account information ------------------------------------------------- high
* Disable their account ----------------------------------------------------- low
* Enable their account ------------------------------------------------------ low
* Add and edit Owned Galleries ------------------------------------------ high
* Add and edit Gallery storefront images ------------------------------- medium
* Add and edit Gallery information -------------------------------------- medium
* Add and edit Exhibited Artwork --------------------------------------- high
* Add and edit Artwork images ------------------------------------------ medium
* Add and edit Artwork information ----------------------------------- medium
* Add and edit exhibited Artist ------------------------------------------ high
* Add and edit Artist images -------------------------------------------- medium
* Add and edit Artist information --------------------------------------- medium
* The system shall allow Any Users to:
* View a list of galleries in alphabetical order based on gallery name -- medium
* View a list of galleries based on proximity to the user ------------------ low
* View a list of galleries based on proximity to a point on a map -------- low
* View the information pertaining to specific galleries -------------------- medium
* View the Artwork images pertaining to that specific gallery ----------- medium
* Search for Galleries based on The Gallery Name ------------------------- low
* Search for Galleries based on the gallery’s featured Artist -------------- low

**Application Data**

* Gallery Owner Account information shall include:
* The Gallery Owners Email
* The Gallery Owners Password
* The Gallery Owners Phone Number
* The Gallery Owners Address
* A list of the Galleries the Gallery Owner manages
* Gallery information shall include:
* The Gallery Name
* The Gallery Address
* The Gallery Phone number
* The Gallery Email
* The Gallery website (For galleries with preexisting website)
* The Gallery Hours
* The Gallery Storefront image
* The Gallery’s featured artist
* A section for general information pertaining to the gallery
* Artist information shall include
* The Artist Name
* The Artist profile image
* The Artist date of birth
* The Artist date of death
* The Artist artwork style
* A section for general information pertaining to the artist
* Artwork information shall include
* The Artwork Name
* The Artwork image
* The Artwork’s Artist Name
* The Cost to purchase the artwork
* The size of the artwork
* The Type of artwork (e.g. Pastel painting, clay sculpture, marble sculpture)
* A section for general information pertaining to the artwork

**Application Views**

* The Application website shall contain:
* A central menu view to encapsulate all other views ---------------------------- blocker
* A home view to display featured galleries ----------------------------------------- low
* A search view for users to perform searches ----------------------------------- low
* A map view for users to view galleries based on location ---------------------- low
* A gallery list view that will display pages of galleries ---------------------------- high
* An ‘about us’ view to display information ------------------------------------------ low
* A login view for gallery owners to log in -------------------------------------------- blocker
* A registration view for gallery owners to register for an account ------------ blocker
* An owned galleries view for gallery owners to select an owned gallery ---- blocker
* A gallery edit view for gallery owners to edit the gallery information ------ medium
* A gallery information view to display gallery information to users ---------- medium
* An Artist edit view for gallery owners to edit the artist’s information ------ medium
* An Artist information view to display artist information to users ------------- low
* An Artwork edit view for gallery owners to edit the artwork information -- medium
* An Artwork information view to display artwork information to users ------ medium

**Application View Functionality**

* The central menu view shall:
* Encapsulate all other views and allow constant access to the menu options --- blocker
* Contain the Gallery walk icon --------------------------------------------------------------- low
* The home view shall:
* Display a featured gallery ---------------------------------------------------------------------- low
* The search view shall:
* Input text from a user --------------------------------------------------------------------------- low
* Display search results -------------------------------------------------------------------------- low
* The map view shall:
* Display a map to the user ----------------------------------------------------------------------- low
* Prompt the user for permission to use location services -------------------------------- low
* Use the User’s location to display the nearest galleries on the map ----------------- low
* Allow the user to select any point on the map -------------------------------------------- low
* Use the point on the map to display the nearest galleries on the map -------------- low
* Display a list of galleries based on proximity to the user or point on the map ----- low
* Allow a user to select a gallery from the list ------------------------------------------------ low
* The gallery list view shall:
* List pages of all the registered galleries ------------------------------------------------------ high
* Order registered galleries in alphabetical order based on gallery name ------------- low
* Allow users to select galleries to view the associated gallery information view --- high
* The ‘About us’ view shall display information about:
* The website ----------------------------------------------------------------------------------------- low
* The service ------------------------------------------------------------------------------------------ low
* The developers ------------------------------------------------------------------------------------- low
* A disclaimer ------------------------------------------------------------------------------------------ low

* The login view shall:
* Display an input for the gallery owner’s email and password -------------------------- blocker
* Log in the gallery owner with the Parse servers ------------------------------------------- blocker
* Display errors when a login fails --------------------------------------------------------------- high
* Display an option to reset password ---------------------------------------------------------- medium
* The registration view shall:
* Display an input for a gallery owner’s email, password, address and phone number - high
* Display errors when a registration fails ------------------------------------------------------------ high
* Display a message when a registration is successful ------------------------------------------- high
* Inform the user their account is locked until permission is granted ----------------------- high
* The ‘owned galleries’ view shall:
* Display A list of galleries managed by the gallery owner ------------------------------------ blocker
* Allow the gallery owner to select a gallery to edit -------------------------------------------- blocker
* The gallery edit view shall:
* Display an editable version of the gallery’s information ------------------------------------- medium
* Display the gallery storefront image with a way to update the image ------------------- medium
* Display the artist and artwork exhibited at the gallery ------------------------------------ high
* Display a save button to commit any changes made --------------------------------------- high
* Allow the gallery owner to select an artist or artwork ------------------------------------- high
* The artist edit view shall:
* Display an editable version of the artist information -------------------------------------- medium
* Display the artist profile image with a way to update the image ----------------------- low
* Display a save button to commit any changes made by the gallery owner ---------- high
* The artwork edit view shall:
* Display an editable version of the artwork information ----------------------------------- medium
* Display the artwork image with a way to update the image ----------------------------- low
* Display a save button to commit any changes made by the gallery owner ---------- high
* The gallery information view shall:
* Display information about the gallery ----------------------------------------------------------medium
* Display the storefront image for the gallery ------------------------------------------------- medium
* Display the featured artist of the gallery ------------------------------------------------------ high
* Display the artists and artwork exhibited at the gallery ---------------------------------- high
* Allow the user to select the artwork or artists --------------------------------------------- high
* The artist information view shall:
* Display information about the artist ---------------------------------------------------------- low
* Display the profile image for the artist artist ----------------------------------------------- low
* Display the artwork created by the artist artist ------------------------------------------- high
* Allow the user to select the artwork artist ------------------------------------------------ high
* The artwork information view shall:
* Display information about the artwork artist ---------------------------------------------- low
* Display the image for the artwork artist ---------------------------------------------------- medium
* Allow the user to select the artist that created the artwork -------------------------- high

**Information and Hosting Requirements**

* For a gallery owner to be registered they shall:
* Agree to our terms and conditions
* Own at least One art gallery
* Periodically update their gallery or galleries

\*\* If any requirements are not met the account will be disabled or removed

* In order for a gallery to be hosted it shall:
* Only do business in sales or trading of artwork
* Exhibit artist and artwork
* Be periodically updated

\*\* If any requirements are not met the gallery will be disabled and removed from the service results

* In order for an Artist to be hosted it shall:
* Have a name
* Have artwork associated with it
* Have a gallery hosting it
* In order for an Artwork to be hosted it shall:
* Have a name
* Have an artist associated with it
* Have a gallery hosting it