The Gallery Walk Requirements

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***The 4 bits***

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**Client**

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

**Functional Requirements**

* The system shall:
* use the ASP .NET MVC 4 framework
* use the CloudKit API
* use the CloudKit API for 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
* The System shall persist Gallery Owner Account information that includes:
* The Gallery Owners Email
* The Gallery Owners Password
* The Gallery Owners Phone Number
* Gallery list
* The System shall persist Gallery information that includes:
* 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 description
* The System shall persist Artist information that includes:
* The Artist Name
* The Artist profile image
* The Artist date of birth
* The Artist date of death
* The Artist artwork style
* The Artist description
* The Artwork List
* The System shall persist Artwork information that includes:
* The artwork Name
* The artwork image
* The artwork Artist
* The artwork cost
* The artwork size
* The artwork type (e.g. Pastel painting, clay sculpture, marble sculpture)
* The artwork description
* The system shall present the visitor with:
* A central menu view to encapsulate all other views ---------------------------- highest
* A home view to display featured galleries ----------------------------------------- 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 -------------------------------------------- highest
* A registration view for gallery owners to register for an account ------------ highest
* An owned galleries view for gallery owners to select an owned gallery ---- highest
* A gallery edit view for gallery owners to edit the gallery information ------ medium
* A gallery information view to display gallery information to visitors ---------- medium
* An Artist edit view for gallery owners to edit the artist’s information ------ medium
* An Artist information view to display artist information to visitors ------------- low
* An Artwork edit view for gallery owners to edit the artwork information -- medium
* An Artwork information view to display artwork information to visitors ------ medium
* The system central menu view shall:
* Encapsulate all other views and allow constant access to the menu options --- highest
* Contain the Gallery walk icon ------------------------------------------------------------------ low
* The system home view shall:
* Inform the visitor of the service ------------------------------------------------------------------ low
* The system gallery list view shall:
* List pages of all the registered galleries ------------------------------------------------------ high
* Order registered galleries in alphabetical order based on gallery name ------------- low
* Allow visitors to select galleries to view the associated gallery information view --- high
* The system About us view shall display information about:
* The website ----------------------------------------------------------------------------------------- low
* The service ------------------------------------------------------------------------------------------ low
* The developers ------------------------------------------------------------------------------------- low
* A disclaimer ------------------------------------------------------------------------------------------ low

* The system login view shall:
* Display an input for the gallery owner’s email and password -------------------------- highest
* Log in the gallery owner with the Parse servers ------------------------------------------- highest
* Display errors when a login fails --------------------------------------------------------------- high
* Display an option to reset password ---------------------------------------------------------- medium
* The system 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
* The system owned galleries view shall:
* Display A list of galleries managed by the gallery owner ------------------------------------ highest
* Allow the gallery owner to select a gallery to edit -------------------------------------------- highest
* The system 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 system 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 system 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 system 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 visitor to select the artwork or artists --------------------------------------------- high
* The system artist information view shall:
* Display information about the artist ---------------------------------------------------------- low
* Display the profile image for the artist artist ----------------------------------------------- low
* The system artwork information view shall:
* Display information about the artwork ---------------------------------------------- low
* Display the image for the artwork ---------------------------------------------------- medium

**Behavioral Requirements**

* The system shall allow Art Gallery Owners to:
* Sign up for an account --------------------------------------------------- highest
* Log into their account ---------------------------------------------------- highest
* 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 Visitors to:
* View a list of galleries in alphabetical order based on gallery name -- medium
* View the information pertaining to specific galleries -------------------- medium
* View the Artwork images pertaining to that specific gallery ----------- medium
* View the Artist pertaining to that specific gallery ---------------------------- low