## Credentials

|  |  |  |  |
| --- | --- | --- | --- |
| **Email Address** | **Username/UserId** | **Password (Encrypt)** | **Purpose** |
| dribbly.dev@google.com |  | dribbly | For development purposes   * Google Maps Api |
| dribbly.dev@google.com | devdribbly | smarterasp | Test Web Client (<https://member3-1.smarterasp.net/account/loginform?go=1>) |
|  |  |  |  |

## Keys

|  |  |
| --- | --- |
| Google Map API Key | AIzaSyCQwPkj7HcSjORBr6z8ZGf56e4uXNPHUuY |

## Terms and Definitions

|  |  |  |
| --- | --- | --- |
| Term | Definition | References |
| OWIN | An interface that breaks the tight coupling between web servers (such as IIS) and .Net web applications. It allows .Net web application to be hosted on any OWIN-compliant server (not just IIS) |  |
| Asp.Net Identity | Authentication system for ASP.NET applications. It implements authentication not just using Username and Password, but also Facebook and Google authentication and some more advance features | <https://docs.microsoft.com/en-us/aspnet/identity/overview/getting-started/introduction-to-aspnet-identity> |
| OAuth | An authorization pattern which uses tokens instead of Username/Password combination | <https://developer.okta.com/blog/2017/06/21/what-the-heck-is-oauth> |

## Source Code

### Projects

#### Dribbly.Authentication

##### Dependencies:

* Entity Framework 6.4.0

## Creating the project

### Tools used:

* Visual Studio 2017

### Steps:

1. Open Visual Studio
2. Under **File** menu, select **New** > **Project**
3. Copy the options below, then hit OK.



1. On the next screen select the options below, then hit OK.

## Requirements for Phase 1

* Landing page
* Main Navigator
* Authentication
  + Photo upload
* Courts
  + Registration
  + Photo uploading
  + Details Viewing
  + Updating of details
  + Searching
  + Scheduling
* Player profiles
  + Creation
  + Search
* Team Management
* Games management

## App Structure

## Types of Pages

### Search Page

Page used for searching players, courts, games, etc

### Browser Page

Page used for viewing player details, court details, game details

## Rules

### DateTime Objects

* Always expect dates from Web API in **UTC** timezone and in **ISO** format (ie. 2020-03-01T17:59:23Z). If value from WEB API does not have ‘Z’ suffix, add right upon receiving it.

## Conventions

### Dribbly

* Prefix components, directives, filters with ‘drbbly’
* Add a newline character at the end of every files if allowed

### Git

Branch name prefix

|  |  |
| --- | --- |
| **Prefix** | **Purpose** |
| feat | For new components/functionalities |
| improv | For improvement of existing components/functionalities |
| fix | For fixing error in existing components/functionalities |
| setup | For tasks that are not directly related to the app (e.g. compiler setup, publish profile changes, git setup updates) |
| clean | For removing unused code/files |
| docu | For adding/updating comments |
| design | For prototype design changes (usually photoshop files) |
| refactor | For changes in code that do not affect any functionalities (e.g. renaming variables, making code more organized) |

## Guides

### Adding new NPM dependencies

* Install npm module
* Update the **noteLibs** array in gulpfile.js (**Note:** reference required files only)
* Add reference the files in \_SiteLayout.cshtml
* Inject the module into siteModule

### Adding new component files

* Add reference the files in \_SiteLayout.cshtml

## Pages

### Courts List

Features:

* Viewing of list of courts
* Filtering list of courts
* Registering a court

## Modules

### SiteModule

* The “foundation” module
* Should only contain components that will be used both by **authModule** and the **mainModules**
* All 3rd party modules expect those that are only for a specific mainModule should be injected here

### AuthModule

* Should only contain services and components used for authenticating user

### AppModule

* Should only contain components and services that are shared among the **mainModules**

### MainModule

* Should only contain components and services for itself
* **Dribbly** is currently the only mainModule. Dribbly is focused in Basketball. We may add other mainModule for other sports and/or a **store** later

## Modules Hierarchy

Site Module

Auth Module

App Module

Store Module

Main Module

## Publishing

### Local IIS Server

#### Publishing

Pre-requisites:

* Make sure .NET Core Hosting Bundle is installed on the machine (This is required for .NET Core applications to run on local IIS Server)
* Open IIS Manager



* Add Website



* Click OK to create the website
* Run Visual Studio as admin, then open the solution
* In Visual Studio, right-click on the project then select Publish
* Click on New Profile…
* Select “IIS, FTP, etc”
* click on “Create Profile”



* Click Next
* For now, set Configuration to Debug, until the website is configured for release (minify files, etc.)



* Click Save.

Helpful article: <https://docs.microsoft.com/en-us/aspnet/core/host-and-deploy/iis/index?tabs=aspnetcore2x&view=aspnetcore-2.2>

#### Accessing local IIS Instance from another machine via IP address

1. Add Website a binding

* Open IIS Manager, select the website, and then click on “Bindings”



* Click “Add”
* Set type to “http”, select the IP from the dropdown, then enter the port. Leave Host Name empty. (Note: IPs will only show in the dropdown if the network is already connected to the network. Otherwise, type in the IP address. We can also enter \* to allow it to be accessed whatever the current IP address) Click OK



1. Add Firewall rule

* Open Firewall advanced settings window
* Select “Inbound Rules” then click on “New Rule…”



* Select “Port”, then click Next



* Select TCP, then enter the same port number used in the previous step. Click Next



* Select “Allow Connection”. Click Next



* Check all options. Click next



* Enter a name for the rule, then click Finish



* Any device on the same network should now be able to access the website using the IP address and port (example: http//:192.168.43.179:9010)

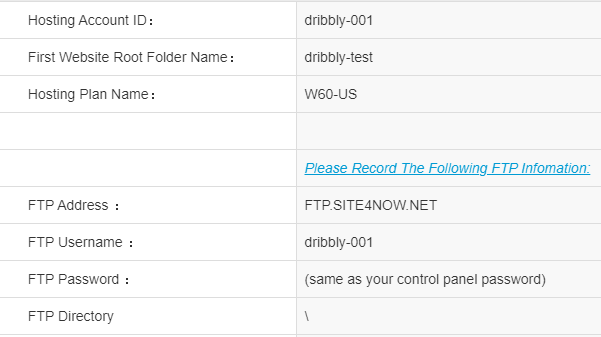
### Test Server (myasp.net)

|  |  |
| --- | --- |
| Email address used | [rjpablo16@yahoo.com](mailto:rjpablo16@yahoo.com) |
| Credentials | Rjpablo112/encrypt(myasp) |
| Site name | <http://rjpablo112-001-site1.dtempurl.com/> |
| FTP Addresses/path | [FTP.SITE4NOW.NET/drbbly-web](ftp://FTP.SITE4NOW.NET/drbbly-web) |
| FTP User Credential | rjpablo112-001/encrypt(myasp) |



### MyWindowsHosting

|  |  |
| --- | --- |
| Username | dribbly |
| Email | [dribbly.test@gmail.com](mailto:dribbly.test@gmail.com) |
| Password | enypt(password) |
| File Management page | <https://member3.mywindowshosting.com/cp/filemanager?pop=1&d=h%3A%5Croot%5Chome%5Cdribbly%2D001%5Cwww%5Cdribbly%2Dtest> |



## Random Notes

Max width for mobile design is **575px** (bootstrap’s breakpoint for sm (small) screens)

## App Flow

Under Courts show limited number of Featured Courts, New Courts, etc. A “more…” link at the bottom of each category would load more items for that category or show all the items in a modal with pagination

## References

* Password Reset <https://code-maze.com/password-reset-aspnet-core-identity/>

## Ideas

* Each player should have the option to vote for one mvp. The player who get the most mvp votes becomes the Game MVP. All MVP votes received by a player will reflect on his profile, in addition to how many times he became the Game MVP. Players who selects an MVP will receive points as reward
* Upon publish, register public basketball courts as initial Featured content

## Tasks

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Task ID** | **Type** | **For**  **Phase 1** | **Description** | **Commit Message** | **Has FE Changes** | **Has BE Changes** | **Status** |
| WEB-0001 | Feat |  | Implement refresh tokens | feat-web-0001-implement-refresh-tokens |  |  | Done |
| WEB-0002 | Feat |  | Implement sidebar navigation |  |  |  | Done |
| WEB-0003 | Improv |  | Update title based on state | improv-web-0003-update-title-based-on-state |  |  | Done (01-12-2020) |
| WEB-0004 | Feat |  | Display list of Featured courts using dummy data | feat: WEB0004 – display list of featured courts using dummy data | Y | Y | Done (01/05/2020) |
| WEB-0005 | Refactor |  | Convert courtListItem photo into a reusable component | refactor: convert courtListItem photo into a reusable component | Y | N | Done (01/05/2020) |
| WEB-0006 | Refactor |  | Restructure app | refactor: WEB0006 – enhance file structure and apply naming convention to main module | Y | N | Done (01/16/2020) |
| WEB-0007 | feat |  | Set toolbar items based on current page |  | Y | N | Done |
| WEB-0008 | feat |  | Create i18n directive |  |  |  |  |
| WEB-0009 | feat |  | Add court registration feature | feat: WEB-0009 – add court registration functionality | Y | Y | Done (01/18/20) |
| WEB-0010 | Bug | Y | Fix issue: toolbar items get set multiple times when logging in and out of the app because toolbars onSetItems handler gets registered everytime it is initialized |  |  |  | Pending |
| WEB-0011 | Feat | Y | Add “Talk to us” link to FB page |  |  |  | Pending |
| WEB-0012 | Feat |  | Add overlays when loading data | feat: WEB-0012 – add overlay directive to display when loading content |  |  | Done (01/18/20) |
| WEB-0013 | improv |  | Add feature for selecting an address from a map | Branch: feat-web-0013-add-location-picker |  |  | Done |
| WEB-0014 | feat |  | Add common features:   * Alert and Confirmation dialog * Toast Notifications * Basic error handling * Log out confirmation dialog | feat: WEB-0014 – Add common features |  |  | Done (01/21/20) |
| WEB-0015 | improv |  | Improve Add Court functionality   * Removed input of full address * Only store latLng for location * Made map search work * Moved location picker to the Add Court modal instead of showing another modal | improv: WEB-0015 – Improve Add Court functionality | Y | Y | Done (01/23/20) |
| WEB-0016 | bug |  | Fix overlay error (\_status of undefine) | fix: WEB-0016 – Fix overlay error (status of undefine) | Y | N | Done (01/23/20) |
| WEB-0017 | feat | Y | Add page toolbar for Web version |  |  |  | Pending |
| WEB-0018 | Bug | Y | Fix bug: a place is returned by map autocomplete when inputing “la kdfld” and pressing enter, even when there is no selected suggestion |  |  |  | Pending |
| WEB-0019 |  |  | Display a default court photo if nothing was uploaded | improve: WEB-0019 – Display a default court photo if nothing was uploaded | Y | N | Done (01/24/20) |
| WEB-0020 | Improv | Y | Add home link inside navigator | improv: WEB-0020 – add link to home in side navigator | Y | N | Done (01/24/20) |
| WEB-0021 | feat | Y | Implement automatic generation of templateUrl for components | feat: WE-0021 – Implement automatic generation of templateUrl for components | Y | N | Done (01/25/20) |
| WEB-0022 | Feat | Y | Add court details page |  |  |  | Done (01/26/20) |
| WEB-0023 | Improv | N | Implemement automatic generation of templateUrl for all components | * feat: WE-0021 – Implement automatic generation of templateUrl for components * refactor: WEB-0023 – refactor components to use automatic generation of templateUrl | Y | N | Done (01/25/20) |
| WEB-00o24 | Improv | Y | Make site footer stick to the bottom of the screen. Also made logged out menubar stay inside site footer | improv: WEB-0024 – make site footer stick to the bottom of the screen  Also make logged out menubar stay inside site footer | Y | N | Done (01/27/20) |
| WEB-0025 | Feat | Y | Add Court Price and Book Now button in the footer | feat: WEB-0025 – Add Court Price and Book Now button in the footer | Y | N | Done (01/28/20) |
| WEB-0026 | Improve | Y | Add court preview modal | feat: WEB-0026 – Add court preview modal | Y | N | Done (01/28/20) |
| WEB-0027 | Improv | Y | Close modals on back button press | improv: WEB-0027 – Close modals on back button press | Y | N | 02/04/20 |
| WEB-0028 | Feat | Y | Add functionality to update court details | feat: WEB-0028 – add functionality to update court details | Y | Y (Forgot to commit) | Done (02/08/2020) |
| WEB-0029 | Feat | Y | Implement settings retrieval from db | feat: WEB-0029 – implement settings retrieval from db  Includes BE changes for WEB-0028 | Y | Y | Done (02/08/2020) |
| WEB-0030 | Refactor | Y | Implement Dependency Injection | refactor: WEB-0030 – implement Dependency Injection | N | Y | Done (02/08/2020) |
| WEB-0031 | Feat | Y | Add Core project and SecurityUtility | feat: WEB-0031 – add Core project and SecurityUtility | N | Y | Done (02/08/2020) |
| WEB-0031 | Improv | Y | Court Viewer – Hide edit button when court is not owned by current user  Additional changes:   * Changed court owner id data type to String * Secured Court Registration API method * Fixed issues with Refresh Token routine * Redirect to court details after registration | improv: WEB-0031 – Hide edit button when court is not owned by current user  Commits:  <https://github.com/rjpablo/Dribbly.WebClient/commit/66c2d04e9f72dd844c6306bd42c796916bedd42a>  <https://github.com/rjpablo/DribblyAuthAPI/commit/869fcdaa28b888a011bb5f2f0910dbbe6dae6c8a> | Y | Y | Done (02/09/2020) |
| WEB-0033 | Fix | Y | Court Edit – Modal title is wrong |  |  |  | Pending |
| WEB-0034 | Feat | Y | Add functionality to update court’s primary photo | feat: WEB-0034 – add functionality to update a court’s primary photo | Y | Y | Done (02/11/2020) |
| WEB-**0035** | Refactor | Y | Restructured files (add SRC and DEST folders inside wwwroot)  Also:  - add gulp tasks to copy files to dest folder  - use files from dest folder  - add support for sass | * refactor: WEB-0035 - restructured files (add SRC and DEST folders inside wwwroot)   Also:   * + udpate gulp tasks   + add support for sass * refactor: WEB-0035 - refactor authmodule components to use drbbly-default pattern (FE only) * refactor: WEB-0035 - modify code to use files from dest folder instead of src   Also added gulp tasks for scripts and html (FE only) | Y | Y | Done (02/13/2020) |
| WEB-0036 | Setup | Y | Set up gulp watch | * setup: WEB-0036 - set up gulp watch * setup: exclude external libraries from gulp watch | Y | N | Done (02/16/2020) |
| WEB-0037 | Setup | Y | Modify code to use files from src folder when running  Also:  - place compiled .css files in src folder  - modified .gitignore to ignore compiles css files in src folder | setup: WEB-0037 - modify code to use files from src folder when running  Also:  - place compiled .css files in src folder  - modified .gitignore to ignore compiles css files in src folder | Y | N | Done (02/16/2020) |
| WEB-0038 | Feat | Y | Add court photos page | * feat: WEB-0038 - add court photos state and placeholder   Also:  - added app navigator component   * feat: WEB-0038 - display court photos | Y | Y | Done (02/172020) |
| WEB-0039 | Feat | Y | Add functionality to upload and display court photos | feat: WEB-0039 - add functionality to upload and display court photos | Y | Y | Done (02/17/2020) |
| WEB-0040 | Design | Y | Implement custom theme  Changes:   * Added override for bootstrap’s \_variable.scss file | design: WEB-0040 - implement custom theme | Y | N | Done (02/20/2020) |
| WEB-0041 | Design | Y | Redesign Courts page | design: WEB-0041 - Redesign Courts page | Y | N | Done (02/20/2020) |
| WEB-0042 | Feat | Y | Courts – use featured courts as background instead of a static bg image. Also autoscroll thru featured courts |  |  |  |  |
| WEB-0043 | Improve | Y | Move app navigator in mobile toolbar | design: WEB-0043 - Move app navigator in mobile toolbar | Y | N | Done (02/22/2020) |
| WEB-0044 | Fix | Y | Remove court seed to avoid resetting the profile photo url of test courts | fix: WEB-004 - Remove courts seed to avoid resetting the profile photo url of test courts | N | Y | Done (02/22/2020) |
| WEB-0032 | Improve | Y | Redirect user to login page when refresh token is expired | improv: WEB-0032 - redirect to login when token is expired | Y | Y | Done (02/22/2020) |
| WEB-0045 | Improve | Y | Improve navigation design for wide screen | improv: WEB-0045 - Improve navigation design for wide screen | Y | N | Done (20200223) |
| WEB-0046 | Feat |  | Add Court Schedule page placeholder | feat: WEB-0046 - Add Court Schedule page placeholder | Y | N | Done (02/24/2020) |
| WEB-0047 | Feat | Y | Display court games in a new page | feat: WEB-0047 - display court games  Also:  - Added date component | Y | Y | Done (02/26/2020) |
| WEB-0048 | Fix | Y | Court Photos page title is incorrect |  |  |  | Pending |
| WEB-0049 | Fix | Y | Do not log out user when calling refreshToken until authentication fails | feat: WEB-0050 - Add functionality to book games and display list of games and schedule | Y | N | Done (03/07/2020) |
| WEB-0050 | Feat | Y | Add functionality to book games and display list of games and schedule  Also: included fix for WEB-0049 | feat: WEB-0050 - Add functionality to book games and display list of games and schedule | Y | Y | Done (03/07/2020) |
| WEB-0051 | Fix | Y | when user is redirected to login after a failed authentication, navigation is cancelled when a modal is open | fix: WEB-0051 - Fix issue: when user is redirected to login after a failed authentication, navigation is canelled when a modal is open | Y | N | Done (03/08/2020) |
| WEB-0052 | Feat | Y | Add function to enforce authentication before running some code | feat: WEB-0052 - Add function to enforce authentication before running some code | Y | N | Done (03/08/2020) |
| WEB-0053 | Feat | Y | Events Calendar - Add a way for the use to navigate to a date using a date picker | feat: WEB-0053 - Events Calendar - Add a way for the use to navigate to a date using a date picker | Y | N | Done (03/08/2020) |
| WEB-0054 | Fix | Y | Events Calendar – Fix issue where Book Game modal is opened twice when a date is selected | fix: WEB-0054 - Events Calendar – Fix issue where Book Game modal is opened twice when a date is selected | Y | N | Done (03/08/2020) |
| WEB-0055 | Improv | Y | After adding an event, add the event to the calendar and make sure the event is visible | improv: WEB-0055 - After adding an event, add the event to the calendar and make sure the event is visible | Y | N | Done (03/08/2020) |
| WEB-0056 | Feat | Y | Display court images in a carousel | feat: WEB-0056 - Display court images in a carousel | Y | N | Doone (03/08/2020) |
| WEB-0057 | Feat | Y | Add functionality to delete court photos | Feat: WEB-0057 - Add functionality to delete court photos | Y | Y | Done (03/11/2020) |
| WEB-0058 | Improv | Y | Improve error handling function | improv: WEB-0058 - improve error handling function | Y | N | Done (03/11/2020) |
| WEB-0059 | Fix | Y | Issue: Refresh token not working | fix: WEB-0059 - Issue: Refresh token not working | Y | N | Done (03/11/2020) |
| WEB-0060 | Feat | Y | Add game viewer container | feat: WEB-0060 - Add game viewer container | Y | N | Done (11/03/2020) |
| WEB-0061 | Improv | Y | Allow user to open court details in the same tab or in a new tab | improv: WEB-0061 - Allow user to open court details in the same tab or in a new tab | Y | N | Done (11/03/2020) |
| WEB-0062 | Refactor | Y | Make Courts page the homepage | refactor: WEB-0062 - Make Courts page the homepage | Y | N | Done (13/03/2020) |
| WEB-0063 | Improv | Y | Upon adding a game, focus the newly added entry in the calendar | improv: WEB-0063 - Upon adding a game, focus the newly added entry in the calendar | Y | N | Done (21/03/2020) |
| WEB-0064 | Improv | Y | Improve behavior and add validations for Book Game modal | improv: WEB-0064 - Improve behavior and add validations for Book Game modal | Y | Y | Done (30/03/2020) |
| WEB-0065 | Feat | Y | Implement password salting | feat: WEB-0065 - Implement password salting | N | Y | Done (03/03/2020) |
| WEB-0066 | Feat | Y | Implement forgot password | FE:   * feat: WEB-0066 - add functionality to reset forgotten password   BE:   * feat: WEB-0066 - add functionality to send password reset link to email * feat: WEB-0066 - add functionality to reset password | Y | Y | Done (04/11/2020) |
| WEB-0067 |  |  | Implement change password |  |  |  |  |

## End of Tasks