**dnwTennis**

A camp registration application

Specifications – Version 3.0

**Primary Goals – V3.0**

dnwTennis takes a simplistic approach to managing registrations for a sports camp. The idea behind v3.0 is to generalize the application so it can act as registration for any sports camp that is modeled after the DNWTennis camp this application was originally intended for

**Logins**

The system will not require a login to register for a camp but if the user does login, they will be able to edit their existing registrations. A custom site login will not be required here because login is purely optional. As a result, dnwTennis will only use oAuth2 providers including: Google, Facebook

User rights will be established to allow for appropriate access to the site.

No Login – register for camps

Regular users – Can edit their own registrations

Admin Users – Can access the management interface

Monitors – Can access the management page in read only mode

Admins – Can access the management page in r/w mode

**Generalization Work**

dnwTennis is currently only setup to handle the Decatur Northwest Tennis Camp. There is no historical record kept of past camps and even Decatur as another camp it runs that could benefit from a more general organization

The system will be enhanced to allow for more than one camp and to maintain historical data about those camps. If a user has logged in and has an account, they will be able to create a camp that others will be able to register for. This will require logic to have a create option appear on the screen for the user and a set of screens to allow that user to fill in details for the new camp as well as assign rights to control and view camp details to other users.

Create a Camp

Modify an Existing Camp

Cancel a Camp

Delete a camp

ISSUES TO CONSIDER – Do we notify camp participants?

CAMP STATE

Camps can be in one of multiple states

Active – Camp is setup and is taking registrations

Suspended – Camp is setup but not taking regsitrations

Inactive – Camp is past the registration deadline

THINK HERE – For the DNW camps the registration pages change as the registration deadline comes and goes but participants are allowed to continue signing up with a required confirmation by the camp coordinator. I wonder if for the dnw camps this concept is making things needlessly complicated – The lottery as it is called is really a way to stage registrations up until a certain date after which the camp coordinator will adjust who is in and who is not based on some criteria. The system could handle this for the coordinator with a simple set of rules:

* Camp registration limit – With coordinator override
* After limit is reached new entries go on the waitlist – Case where camp has (n) spaces, Group (a) has (n+1) people and group (b) has (n) Group (a) is first so should get in the camp but group (b) fits better.
* Groups are kept in tact

The current structure for participants is that there is a group leader for a camp who has signed up one or more camp participants. The group leader is also presumed to be responsible for paying for the all the participants.

THINK HERE – There is some benefit in having some information about the individual campers such as email or phone so that camp emails can optionally be sent to campers. If you are a group manager for an all-adult group that could be a benefit but if you are a group manager for a bunch of kids then that is less useful. This implies that to generalize there needs to be some optional information about campers you can enter and an option to sign an individual camper up for camp emails. This can add complexity to the system that should be avoided. Right now it is very simple and needs to stay that way.

Allow a team leader to name the team

**New Features for Camp Managers**

Email all or some of the participants in a camp / Create and email list from the participants list

**Specific Work Items**

Description Entered Completed

**General**

|  |  |  |
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| Login via OAuth2 services including: Google; Facebook, Microsoft, LinkedIn | 6/1/14 |  |
| Design ACL Function | 6/7/14 |  |
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**Recode**

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| --- | --- | --- |
| Recode the entire project using GO | 6/1/14 |  |
| Port Database to from MySql 🡪 MongoDB | 6/1/14 |  |

**Generalization**

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| --- | --- | --- |
|  | 6/1/14 |  |
|  | 6/1/14 |  |

**Registration Form**