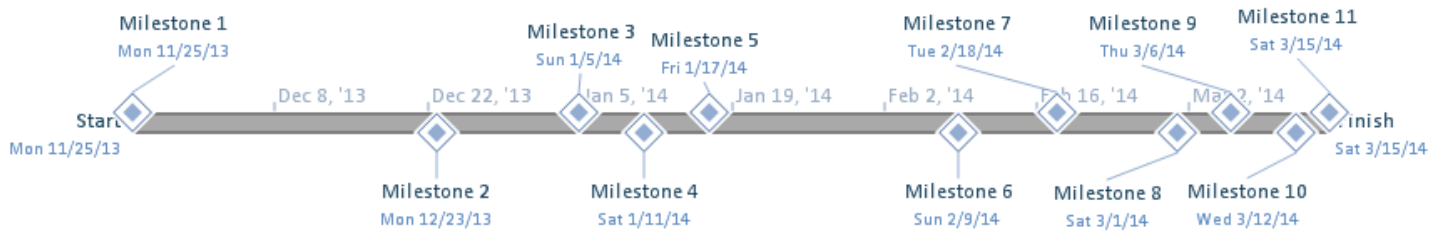


MeritWiki 0.5 Implementation Plan



Implementation Begin Date 11/18/2013
 Projected Completion Date 03/15/2013

Milestone Builds

Milestone 1: 11/25/2013

- | | | |
|--------------------------------------|---------------------|---------------------------|
| • Application Design | Framework | Code Organization |
| • Data Design | Data Model | Base Database Schema |
| • Data Design | Data Model | Stored Procedure Approach |
| • Development Environment | Platform | Evaluate Options |
| • Development Environment | Go | Setup |
| • Development Environment | PostgreSQL | Setup |
| • Development Environment | Source Code Control | Evaluate Options |
| • Development Environment | Source Code Control | Setup |
| • Sample Application for (Demo/Test) | Demonstration | Design |

Milestone 2: 12/21/2013

- User Create DataModel
- User Create VDL(Stored Proc/View)
- User Create UnitTest
- User Create Code
- User Create SampleApp Integration
- User Retrieve/Display VDL(Stored Proc/View)
- User Retrieve/Display UnitTest
- User Retrieve/Display Code
- User Retrieve/Display SampleApp Integration
- Page Create DataModel
- Page Create VDL(Stored Proc/View)
- Page Create UnitTest
- Page Create Code
- Page Create SampleApp Integration
- Page Retrieve/Display VDL(Stored Proc/View)
- Page Retrieve/Display UnitTest
- Page Retrieve/Display Code
- Page Retrieve/Display SampleApp Integration
- Section Create DataModel

- Section Create VDL(Stored Proc/View)
- Section Create UnitTest
- Section Create Code
- Section Create SampleApp Integration
- Section Retrieve/Display VDL(Stored Proc/View)
- Section Retrieve/Display UnitTest
- Section Retrieve/Display Code
- Section Retrieve/Display SampleApp Integration
- Revision Create DataModel
- Revision Create VDL(Stored Proc/View)
- Revision Create UnitTest
- Revision Create Code
- Revision Create SampleApp Integration
- Revision Retrieve/Display VDL(Stored Proc/View)
- Revision Retrieve/Display UnitTest
- Revision Retrieve/Display Code
- Revision Retrieve/Display SampleApp Integration
- Documentation API Documentation Update

Milestone 3:

01/06/2014

- Rating Framework Algorithm Architecture
- Rating Framework Simple Algorithm
- Rating Create DataModel
- Rating Create VDL(Stored Proc/View)
- Rating Create UnitTest
- Rating Create Code
- Rating Create SampleApp Integration
- Rating Retrieve/Display VDL(Stored Proc/View)
- Rating Retrieve/Display UnitTest
- Rating Retrieve/Display Code
- Rating Retrieve/Display SampleApp Integration
- Documentation API Documentation Update
- Application Design Framework Error Handling Approach
- Application Design Framework Authentication Approach

Milestone 4:

01/1/2014

- Development Environment Continuous Build Evaluate Options
- Development Environment Continuous Build Setup
- Development Environment Continuous Deploy Evaluate Options
- Development Environment Continuous Deploy Setup
- Deployment Environment Platform Evaluate Options
- Deployment Environment Go Setup
- Deployment Environment PostgreSQL Setup

Milestone 5:

01/17/2014

- Rule Create DataModel
- Rule Create VDL(Stored Proc/View)
- Rule Create UnitTest

- Rule Create Code
- Rule Create SampleApp Integration
- Rule Retrieve/Display VDL(Stored Proc/View)
- Rule Retrieve/Display UnitTest
- Rule Retrieve/Display Code
- Rule Retrieve/Display SampleApp Integration
- Documentation API Documentation Update

Milestone 6:

02/09/2014

- User Update(various usecases) VDL(Stored Proc/View)
- User Update(various usecases) UnitTest
- User Update(various usecases) Code
- User Update(various usecases) SampleApp Integration
- User Delete VDL(Stored Proc/View)
- User Delete UnitTest
- User Delete Code
- User Delete SampleApp Integration
- Page Update(various usecases) VDL(Stored Proc/View)
- Page Update(various usecases) UnitTest
- Page Update(various usecases) Code
- Page Update(various usecases) SampleApp Integration
- Page Delete VDL(Stored Proc/View)
- Page Delete UnitTest
- Page Delete Code
- Page Delete SampleApp Integration
- Section Update(various usecases) VDL(Stored Proc/View)
- Section Update(various usecases) UnitTest
- Section Update(various usecases) Code
- Section Update(various usecases) SampleApp Integration
- Section Delete VDL(Stored Proc/View)
- Section Delete UnitTest
- Section Delete Code
- Section Delete SampleApp Integration
- Revision Update(various usecases) VDL(Stored Proc/View)
- Revision Update(various usecases) UnitTest
- Revision Update(various usecases) Code
- Revision Update(various usecases) SampleApp Integration
- Revision Delete VDL(Stored Proc/View)
- Revision Delete UnitTest
- Revision Delete Code
- Revision Delete SampleApp Integration
- Documentation API Documentation Update

Milestone 7:

02/18/2014

- Tag Create DataModel
- Tag Create VDL(Stored Proc/View)
- Tag Create UnitTest

- Tag Create Code
- Tag Create SampleApp Integration
- Tag Retrieve/Display VDL(Stored Proc/View)
- Tag Retrieve/Display UnitTest
- Tag Retrieve/Display Code
- Tag Retrieve/Display SampleApp Integration
- TagSection Create DataModel
- TagSection Create VDL(Stored Proc/View)
- TagSection Create UnitTest
- TagSection Create Code
- TagSection Create SampleApp Integration
- TagSection Retrieve/Display VDL(Stored Proc/View)
- TagSection Retrieve/Display UnitTest
- TagSection Retrieve/Display Code
- TagSection Retrieve/Display SampleApp Integration
- Documentation API Documentation Update

Milestone 8:

03/01/2014

- User Complex Query VDL(Stored Proc/View)
- User Complex Query UnitTest
- User Complex Query Code
- User Complex Query SampleApp Integration
- Page Complex Query VDL(Stored Proc/View)
- Page Complex Query UnitTest
- Page Complex Query Code
- Page Complex Query SampleApp Integration
- Section Complex Query VDL(Stored Proc/View)
- Section Complex Query UnitTest
- Section Complex Query Code
- Section Complex Query SampleApp Integration
- Revision Complex Query VDL(Stored Proc/View)
- Revision Complex Query UnitTest
- Revision Complex Query Code
- Revision Complex Query SampleApp Integration
- Rating Complex Query VDL(Stored Proc/View)
- Rating Complex Query UnitTest
- Rating Complex Query Code
- Rating Complex Query SampleApp Integration
- Rule Complex Query VDL(Stored Proc/View)
- Rule Complex Query UnitTest
- Rule Complex Query Code
- Rule Complex Query SampleApp Integration
- Documentation API Documentation Update

Milestone 9:

03/06/2014

- Tag Update(various usecases) VDL(Stored Proc/View)

- Tag Update(various usecases) UnitTest
- Tag Update(various usecases) Code
- Tag Update(various usecases) SampleApp Integration
- Tag Delete VDL(Stored Proc/View)
- Tag Delete UnitTest
- Tag Delete Code
- Tag Delete SampleApp Integration
- TagSection Update(various usecases) VDL(Stored Proc/View)
- TagSection Update(various usecases) UnitTest
- TagSection Update(various usecases) Code
- TagSection Update(various usecases) SampleApp Integration
- TagSection Delete VDL(Stored Proc/View)
- TagSection Delete UnitTest
- TagSection Delete Code
- TagSection Delete SampleApp Integration
- Documentation API Documentation Update

Milestone 10:

03/12/2014

- Tag Complex Query VDL(Stored Proc/View)
- Tag Complex Query UnitTest
- Tag Complex Query Code
- Tag Complex Query SampleApp Integration
- TagSection Complex Query VDL(Stored Proc/View)
- TagSection Complex Query UnitTest
- TagSection Complex Query Code
- TagSection Complex Query SampleApp Integration
- UserTag Create DataModel
- UserTag Create VDL(Stored Proc/View)
- UserTag Create UnitTest
- UserTag Create Code
- UserTag Create SampleApp Integration
- UserTag Retrieve/Display VDL(Stored Proc/View)
- UserTag Retrieve/Display UnitTest
- UserTag Retrieve/Display Code
- UserTag Retrieve/Display SampleApp Integration
- Documentation API Documentation Update

Feature Complete Build (11):

03/15/2014

- UserTag Update(various usecases) VDL(Stored Proc/View)
- UserTag Update(various usecases) UnitTest
- UserTag Update(various usecases) Code
- UserTag Update(various usecases) SampleApp Integration
- UserTag Delete VDL(Stored Proc/View)
- UserTag Delete UnitTest
- UserTag Delete Code
- UserTag Delete SampleApp Integration
- UserTag Complex Query VDL(Stored Proc/View)
- UserTag Complex Query UnitTest

- UserTag Complex Query Code
- UserTag Complex Query SampleApp Integration
- Documentation API Documentation Update

Risks/Mitigation

- Go Language familiarity curve
 - Pair design / program through Milestone 2 to develop common level of understanding