## 

## <Put title of system here>

## Interactive Design Requirements Specification

Version: <Put number here>

Date: <Date goes here>

Presented by: <Team Name>

|  |  |
| --- | --- |
| Team Member 1’s Name |  |
| Team Member 2’s Name |  |
| Team Member 3’s Name |  |
| Team Member 4’s Name |  |
| Team Member 5’s Name |  |

# Revision History:

<Record all document updates by date and document revision number.>

## <*Remove any instructions and notes provided in the < >‘s>*

# System Concept

<This is the system concept statement>

# Interview/observation Notes

<Document the interview and observation process - who, what questions, what notes.>

# Work Roles/User Classes

*<Identify the work roles that you anticipate will use this product for the* ***primary stakeholders only*** *(no administrators or other secondary users unless the primary stakeholder’s tasks lack the breadth required in the subsequent sections). Work roles are characterized with profile information such as personal goals, frequency of use, subset of product functions used, technical expertise, security or privilege levels, educational level, domain knowledge, abilities and disabilities, or skills and experience. Describe the pertinent characteristics of each work role, in its own table such as the one below… quantify whenever possible >*

| **Work Role: Name 1** |  |
| --- | --- |
| Context of use |  |
| Goals | Personal goals, problems and frustrations with current situation |
| Frequency of use | How often used, what intensity? |
| Work responsibilities | What are the primary user responsibilities relative to the system (role)? |
| Work environment | Social, physical, technical |
| Abilities | Education, domain knowledge, skills, expertise, experience, physical abilities and disabilities |
| Personal | Age, gender, cultural background |

# Work Flow Diagram

*<Create a system work flow model diagram that shows the major system nodes and the interactions between them. Provide a brief introduction that explains the diagram. Embed the diagram>*

# WAAD

<Synthesize work activity notes from the raw interview notes. Then create a work activity affinity diagram (WAAD) using the process discussed in class. Embed a legible image of the completed WAAD and a short **synopsis** of the team’s reflection on the process experience>

# Interactive Design Requirements

<Specify requirements in **formal requirements statements**. Reference the relevant primary and as necessary secondary feature or category traceable to the WAAD ID. Document any rationale and notes that may be useful. Use the table format below for each requirement.>

| **Requirement n** |  |
| --- | --- |
| Major feature/category name | From the WAAD |
| Secondary feature/category name | From the WAAD |
| UX requirement statement | Well stated with reference to the WAAD note ID |
| [Rationale] | Optional rationale statement if useful |
| [Notes] | Optional commentary about this requirement |

# Usability Goals

*<Specify a list of usability goals for the product that will be important to either the customers or the developers. Write these to be specific, quantitative, and verifiable when possible. You will use the success criteria as part of your usability tests. Add any other related Software Quality Attributes that have usability implications.*

*Example1: Users will have no more than two false attempts in rescheduling appointments.*

*Example2: Users will learn setting recurrent appointments within 150% of the benchmark times.>*

# User Classes

<Work roles are characterized with profile information such as personal goals, frequency of use, subset of product functions used, technical expertise, security or privilege levels, educational level, domain knowledge, abilities and disabilities, or skills and experience. Describe the pertinent characteristics of each work role, in its own table such as the one below… quantify whenever possible >

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|  |  |
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# Design Modeling - Social Model Diagram

*<Create a system social model diagram that shows the major system nodes and the interactions between them. Provide a brief introduction that explains the diagram. Embed the diagram>*

# Design Modeling - Usage Scenarios

< Write task oriented **usage scenarios** for **five non-trivial features** for the system. Describe key usage situations happening over time>

## Usage Scenario 1

## Usage Scenario 2 (and 3 and so on each in their own sub-sections)

# Design Modeling - Task Analysis

<Model the same five features described in the usage scenarios this time using hierarchical task analysis(HTA) notation (text based descriptive representation only).>

## Feature 1 <Don’t really say “Feature 1.” State the feature name in just a few words followed by the HTA task analysis>

## Feature 2 (and 3 and so on each in their own sub-sections)