http://sce.uhcl.edu/helm/rationalunifiedprocess/applet/images/artfc_w.gif [Artifacts](http://sce.uhcl.edu/helm/rationalunifiedprocess/process/artifact/ovu_arts.htm) > http://sce.uhcl.edu/helm/rationalunifiedprocess/applet/images/artfc_y.gif [Requirements Artifact Set](http://sce.uhcl.edu/helm/rationalunifiedprocess/process/artifact/ars_req.htm) > http://sce.uhcl.edu/helm/rationalunifiedprocess/applet/images/additional.gif [{More Requirements Artifacts}](http://sce.uhcl.edu/helm/rationalunifiedprocess/process/artifact/arp_req_add.htm) > http://sce.uhcl.edu/helm/rationalunifiedprocess/applet/images/ar_srs.gif [Software Requirements Specification](http://sce.uhcl.edu/helm/rationalunifiedprocess/process/artifact/ar_srs.htm) > http://sce.uhcl.edu/helm/rationalunifiedprocess/applet/images/ie.gif SRS w/ Use-Cases

**GameHub**

**Software Requirements Specification**

**For <First Simple Website>**

**Version <1.0>**

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <25/03/2018> | <1.0> | <Name the project and specify its purpose> | <Shuyao Zhang, Xinchao Lu> |
|  |  |  |  |
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**Software Requirements Specification**

**1.**                  **Introduction**

**1.1**               **Purpose**

The purpose of the project is to create a forum for game players to communicate with each other. For example, they can share a happy moment from their game session. Also, you can ask other users questions about your problem. It can help game players feel more helpful.

**1.2**               **Scope**

The HTML file of the website which basically the design of the website and create the interface can be interactive between the website and users. A database which will store all users’ information and data will be used in the website. A JAVA file about getting input from website, store that information in the database and find information in the database.

**1.3**               **Definitions, Acronyms and Abbreviations**

HTML - Hypertext Markup Language, CSS - Cascading Style Sheets, JAVA, DB - Database.

**1.4**               **References**

We haven’t started coding yet, so we have no references.

**1.5**               **Overview**

This document includes what we have in our website, the specific requirements for building our website and what is the information of them.

**2.**                  **Overall Description**

**2.1**               **Use-Case Model Survey**

We do not use any of use-case modeling yet.

**2.2**               **Assumptions and Dependencies**

We have no assumptions or dependencies yet.

**3.**                  **Specific Requirements**

**3.1**               **Use-Case Reports**

Users are able to select the best answer for their question and search questions they are interested in. All the questions and answers for a user would stored into their database. Points would be given if a user’s answer is selected as the best answer. Points can be used for asking other questions.

**3.2**               **Supplementary Requirements**

First, the home page of our website should contain a searching bar and a list of current popular topic below it. For they forum page of our website, the left side contains a tag about popular topic related to the one the user is looking at. At the bottom of a topic, the user can post his answer for the question and view others’. To post their own questions, they need to go to their account page where they can change password and personal information such as phone number or photo.

**4.**                  **Supporting Information**

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| 1 | introduction of our website |
| 2 | what we use in our website |
| 3 | the open and hidden function of our website |

GUIDELINES FOR REQUIREMENTS

|  |  |  |
| --- | --- | --- |
| Checkpoints:  Software Requirements Specification  * The following basic issues should be addressed:   + *Functionality*: What is the software supposed to do?   + *External interfaces*: How does the software interact with people, the system's hardware, other hardware, and other software?   + *Performance*: What is the speed, availability, response time, recovery time of various software functions, etc.?   + *Attributes*: What are the portability, correctness, maintainability, security, etc. considerations?   + *Design constraints imposed on an implementation*: Are there any required standards in effect, implementation language, policies for database integrity, resource limits, operating environments, etc.? * Are any requirements specified that are outside the bounds of the SRS? This means the SRS   + Should correctly define all of the software requirements,   + Should not describe any design or implementation details,   + Should not impose additional constraints on the software. * Does the SRS properly limit the range of valid designs without specifying any particular design? * Does the SRS exhibit the following characteristics?   + *Correct*: Is every requirement stated in the SRS one that the software should meet?   + *Unambiguous*     - Does each requirement have one, and only one, interpretation?     - Has the customer's language been used?     - Have diagrams been used to augment the natural language descriptions?   + *Complete*     - Does the SRS include all significant requirements, whether related to functionality, performance design constraints, attributes, or external interfaces?     - Have the expected ranges of input values in all possible scenarios been identified and addressed?     - Have responses been included to both valid and invalid input values?     - Do all figures, tables and diagrams include full labels and references and definitions of all terms and units of measure?     - Have all TBDs been resolved or addressed?   + *Consistent*     - Does this SRS agree with the Vision document, the use-case model and the Supplementary Specifications?     - Does it agree with any other higher level specifications?     - Is it internally consistent, with no subset of individual requirements described in it in conflict?   + *Ability to Rank Requirements*     - Has each requirement been tagged with an identifier to indicate either the importance or stability of that particular requirement?     - Have other significant attributes for properly determining priority been identified?   + *Verifiable*     - Is every requirement stated in the SRS verifiable?     - Does there exist some finite cost-effective process with which a person or machine can check that the software product meets the requirement?   + *Modifiable*     - Are the structure and style of the SRS such that any changes to the requirements can be made easily, completely, and consistently while retaining the structure and style?     - Has redundancy been identified, minimized and cross-referenced?   + *Traceable*     - Does each requirement have a clear identifier?     - Is the origin of each requirement clear?     - Is backward traceability maintained by explicitly referencing earlier artifacts?     - Is a reasonable amount of forward traceability maintained to artifacts spawned by the SRS?   Reference: [[IEEE93](http://sce.uhcl.edu/helm/rationalunifiedprocess/process/referenc.htm#IEEE93)]  [Copyright  © 1987 - 2001 Rational Software Corporation](http://sce.uhcl.edu/helm/rationalunifiedprocess/copyrite/copyrite.htm) |  | [Display Rational Unified Process using frames](about:blank) |

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