Software Requirement Specification Report

Multiplayer chat and game web application.

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# ABSTRACT

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…xyz.

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# INTRODUCTION

## Overall Objective:

### Primary objective

1. Plan out the Data-flow, Data Tables and ER diagrams.
2. A mechanism so as to allow players to register and login to the “chat and play hub” website – done by implementing register cum login page.
3. Once login player will be taken to their home page. Where they will be shown list of online players, there will also be notification box.
4. from the list Players will be allowed to invite other players into a group by creating the group or join another player’s group – this can be done by implementing invite button and join button.
5. The player who receive invite request or join request receives a message on their notification panel – this can be done by implementing a notification panel that remains alive in the right-hand side corner all throughout the session.
6. Once the player has been accepted the players can chat – so a chat box needs to implemented.

### Secondary objective

1. Now the Admin player who created the group can manage the game between the players. —game like tic tac toe and rock paper scissor can be implemented.
2. If these objectives met then apply coins transfer system to somebody who wins and who is requested.

## Glossaries:

DB: database

## Operation Environment:

Popular Webbrowser like mozilla and chrome.

Enough RAM of the PC, be able to load game data on the page.

## Plan:

Stage1

To identify overall dataflow.

To create user registration, login and validation.

To create frontend.

Stage2

To identify data flow in detail and data description,

To create backend and socket api implementation.

Stage3

To implement debug and test primary objectives (1.1.1).

Stage 4

To implement debug and test secondary objectives (1.1.2).

Stage5

To do documentation.

# OVERALL DESCRIPTION

## PRODUCT PERSPECTIVE

### System Interface

### User interface

### Hardware interface

### Software interfaces

## Product functions

## User Characterstics

## Constraints

## Assusmptions and Dependencies

## SOFTWARE REQUIREMENT

MEAN stack is used for the project.

Text editor visual code.

Front end: Angular with html js and ajax.

Back end: Nodejs and express

Database: Mongo Db

## HARDWARE REQUIREMENT

2GB ram+

Intel i3+

Windows 7+

Chrome browser

# Specific Requirements

The Quick Brown Fox Jumped Over sumans laxy dog yes it did in the forest near the vank of holy iver ganga the cat did the same. The Quick Brown Fox Jumped Over sumans laxy dog yes it did in the forest near the vank of holy iver ganga the cat did the same.

## External Interface

The Quick Brown Fox Jumped Over sumans laxy dog yes it did in the forest near the vank of holy iver ganga the cat did the same. The Quick Brown Fox Jumped Over sumans laxy dog yes it did in the forest near the vank of holy iver ganga the cat did the same.

### Subsection1

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## Funtional Requirements

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### Human Player

The Quick Brown Fox Jumped Over sumans laxy dog yes it did in the forest near the vank of holy iver ganga the cat did the same. The Quick Brown Fox Jumped Over sumans laxy dog yes it did in the forest near the vank of holy iver ganga the cat did the same.

### Agent

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## Non functional Requiremtntys

### Performance requirements

### Design constraints

### Software system attributrs

#### Usability

#### Reliability

#### Availability

#### Security

#### Maintainability

#### Portability

# DATA MODEL AND DESCRIPTION

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## Data Description

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### Data Objects And Relationships

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### Complete Data Model

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# BEHAVIORAL MODEL AND DESCRIPTION

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## Description for software behaviour

The Quick Brown Fox Jumped Over sumans laxy dog yes it did in the forest near the vank of holy iver ganga the cat did the same. The Quick Brown Fox Jumped Over sumans laxy dog yes it did in the forest near the vank of holy iver ganga the cat did the same.

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## Activity Diagram

The Quick Brown Fox Jumped Over sumans laxy dog yes it did in the forest near the vank of holy iver ganga the cat did the same. The Quick Brown Fox Jumped Over sumans laxy dog yes it did in the forest near the vank of holy iver ganga the cat did the same.

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### Subsection2

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# System Testing

## Unit Testing

## Integration Testing

# Conclusion

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