

**Turk System
Software Requirements Specification
For Web Application
Version 0.1**

Turk System	Version: 0.1
Software Requirements Specification	Date: 16/Nov/17
CSC322-EF2-0001	

Revision History

Date	Version	Description	Author
12/OCT/17	0.1	First overall requirement specification for Turk System	<name>

Turk System	Version: 0.1
Software Requirements Specification	Date: 16/Nov/17
CSC322-EF2-0001	

Table of Contents

1. Introduction	4
2. Use Cases	4
2.1 Create an Account	4
2.2 Sign-in	4
2.2 Search Public Information	5
2.3 Apply To Be a Client Or a Developer	5
2.4 Add Profile Details	5
2.5 View Application Status	5
2.6 Discuss/Process Dev. Payment	5
2.6 Hire a Biding Developer	5
2.7 Add Money to the Total Deposit	5
2.8 Post System Demand	5
2.9 Quit From the System	5
2.10 Client Rate Developer	5
2.11 Send Complain Message to the Super-User	5
2.12 View Account Closing Status Information	5
2.13 Bid on Any Demand With Promised Timeline and Money	5
2.14 Submit Delivered System	5
2.15 Rate Client	5
2.16 Send Protesting Message To The Super-User	5
2.17 View Account Closing Status Information	5
3. E-R Diagram	5
4. Detailed Design	6
4.1 Super-User Methods:	6
4.2 Client Methods:	6
4.3 Developer Methods:	6
4.4 Visitor Methods:	6
5. System Screens	6
6. Minutes of Group Meetings	6
7. Phase I Report Feedback	6

Turk System	Version: 0.1
Software Requirements Specification	Date: 16/Nov/17
CSC322-EF2-0001	

Software Requirements Specification

1. Introduction

Introduction an overall picture of the system using collaboration class diagram

2. Use Cases

The types of users are Super User, Client, Developer and visitor.

A brief summery of the users are:

- **Super User:** Controls and handles various changes and exception.
- **Client:** Posts requirements and pays developer
- **Developer:** Works on client's requirement when chosen
- **Visitor:** Non-registered (or temporarily registered) user with limited access to view statistics and public information

2.1 Create an Account

The user-type Visitor will be able to create an account by entering their userid, name, deposit amount(\$), email, password. Users that want to apply to be a client can select the user-type Client. Users that want to apply to be a developer can select the user-type developer. Users that want to apply to be a super-user can select the user-type super-user and enter the super-user key. Client and developer usertypes can add their deposit amount. Once the user enters submit, the user's user id and email will be validated by the system to check the uniqueness of the user id and email. If the user id or email address of the user is not unique, the system will send an exception message to the user stating the error. The user can then re-enter a new user id or email. The user will have to enter the password and the password-confirmation while creating an account. If the password and password-confirmation does not match, the system will send an exception message to the user stating the error. The user can then re-enter these two fields.

2.2 Sign-in

The user can Sign-in by entering their email and password. If the user's email exists in the system, the system will verify the password. If not the system will ask the user to re-enter the email or create a new account. The user will be able to use the turk-system if the password is valid. If the password is not valid the user will be asked to re-enter their password.

Turk System	Version: 0.1
Software Requirements Specification	Date: 16/Nov/17
CSC322-EF2-0001	

2.2 Search Public Information

2.3 Apply To Be a Client Or a Developer

2.4 Add Profile Details

2.5 View Application Status

2.6 Discuss/Process Dev. Payment

2.6 Hire a Biding Developer

2.7 Add Money to the Total Deposit

2.8 Post System Demand

2.9 Quit From the System

2.10 Client Rate Developer

2.11 Send Complain Message to the Super-User

2.12 View Account Closing Status Information

2.13 Bid on Any Demand With Promised Timeline and Money

2.14 Submit Delivered System

2.15 Rate Client

2.16 Send Protesting Message To The Super-User

2.17 View Account Closing Status Information

3. E-R Diagram

E-R diagram goes here

Turk System	Version: 0.1
Software Requirements Specification	Date: 16/Nov/17
CSC322-EF2-0001	

4. Detailed Design

4.1 Super-User Methods:

4.2 Client Methods:

4.3 Developer Methods:

4.4 Visitor Methods:

5. System Screens

6. Minutes of Group Meetings

7. Phase I Report Feedback