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|  | |  | | |
| Project: | | Personal Tutoring Service (PTS) | | |
| Team No.: | | Team ? | | |
| Class: | | CSE 3310; Fall 2017 | | |
| Module: | | System Requirements Analysis (SRA) | | |
| Deliverable: | | SRA Document | | |
| Version: | | [1.0] | Date: | [mm/dd/yyyy] |

Contributors:

[List names of all team members, each on a separate line, centered]

Revision History

| Version number | Date | Originator | Reason for change | High level description of changes |
| --- | --- | --- | --- | --- |
| 1.0 | mm/dd/yyyy | Name(s) | Initial draft |  |
| 1.1 | mm/dd/yyyy | Name(s) | Revision |  |
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# 1. Introduction and Project Overview

{Describe high-level objectives of the project}

# 2. Objectives

## 2.1 BUSINESS Objectives

The following is a list of business objectives:

**Objective 1**: Member Registration: All members must provide the following information prior to using the system:

* First Name, Middle Name {Optional}, last Name
* Student/Faculty/Staff ID
* Home and mailing addresses
* E-mail address
* ……..

**Objective 2**: Login functionality: All members must login to the system with a user/password that was established during Member registration stage.

**Objective 3**: Buy/Sell/Lend/exchange functionality: The system should…

.

.

**Objective N**: ….

## 2.2 SYSTEM Objectives

The following is a list of system objectives:

**Objective 1**: System will be an Android based Mobile system

**Objective 2**: Google search will be utilized

.

.

**Objective M**: ….

# 3. Project Context Diagram

{Context diagram displaying all high level components goes here}

# 4. Systems Requirements

{Introduce the following requirement sections that correspond with the “user” functionality. Keep hardware, database, test data, and UML to section 5. Add a new section for each category of your requirements. This is the heart of the SRA document, and hence the lengthiest, and should list all requirements of the system. **Please use the designated Requirements Form, insert all forms below in its related section.**}

## 4.1 “Member Registration” Requirements

{List requirements}

## 4.2 “Login” Requirements

{List requirements}

## 4.3 “Communication” Requirements

{List requirements}

## 4.4 “Appointments” Requirements

{List requirements}

## 4.5 “Tutoring Categories” Requirements

{List requirements}

## 4.6 “Review” Requirements

{List requirements}

## 4.7 “Payments” Requirements

{List requirements}

## 4.8 “Maps” Requirements

{List requirements}

## 4.9 “Advertisement” Requirements

{List requirements}

**{Add as many sections as necessary, i.e. 4.10, 4.11 etc., each corresponding to a category of *user* functionality similar to above.}**

# 5. Software Processes and Infrastructure

## 5.1 Hardware and Infrastructure

{All hardware and infrastructure issues such as Android version and other related material go here}

## 5.2 UML Diagrams

{All of your UML diagrams go here. This section may take several pages, one UML diagram for the big pictures and a separate UML diagrams for each component. i.e. if your system has 10 components, you need 11 UML diagrams, one for the big picture and one for each component. Just copy & paste your UML diagrams here.}

## 5.3 Conceptual Data Model

{All data-related material goes here, if any. Such as use of SQLite, etc.}

## 5.4 Screen Shots

{Include any screen shots if you have any here. This may take several pages. If nothing available, mention “None available at this time”}

## 5.5 Test Plan

{Simply mention that a test plan will be provided at a later stage of the project}

# 6. Assumptions and Constraints

## 6.1 ASSUMPTIONS

The following is a list of assumptions:

* Ignore collecting money and general accounting
* Ignore compliance issues

## 6.2 CONSTRAINTS

The following is a list of constraints:

* Team lacks Android development skills
* Schedule very aggressive

## 6.3 Out of Scope material

The following is a list of “out of scope” material:

* Post Project maintenance is not covered

# 7. Delivery and Schedule

{List all tasks/milestones from start of the project to the end with specific dates for both Anticipated Start & End Dates

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task/Milestone Description | Anticipated Start Date | Anticipated End Date | Status  {Complete, In Progress, TBC} | Comments |
| Prepare UML diagrams | 9/1/2017 | 10/5/2017 | Complete | Deliverable will be the UML document. |
| SRA document (Includes project objectives, Requirements and UML diagrams) | 10/12/2017 | 11/2/2017 | In Progress | Deliverable will be the SRA document. All stakeholders agree on the content of the SRA by signing in section 8. |
| Application Homepage design |  |  | TBC (To Be Completed) |  |
| Pages and navigation design and implementation |  |  |  |  |
| Default data definition and structure |  |  |  |  |
| Full implementation |  |  |  |  |
| Test Plan Delivery | 11/3/2017 | 11/16/2017 |  | Deliverable will be the Test plan document. |
|  |  |  |  |  |
| **… List all tasks …** |  |  |  |  |
|  |  |  |  |  |
| External Documentation (i.e. User Manual) |  |  |  |  |
| Final Milestone: project delivery | 12/5/2017 | 12/5/2017 |  | Deliverable will be the final project binder plus product demo |

# 8. Stakeholder Approval Form

|  |  |  |  |
| --- | --- | --- | --- |
| Stakeholder Name | Stakeholder Role | Stakeholder Comments | Stakeholder Approval Signature and Date |
| Bahram Khalili | Client |  |  |
| Akshit Singhal | Client Project Manager |  |  |
| {Team member Name} | Developer |  |  |
| {Team member Name} | Developer |  |  |
| {Team member Name} | Developer |  |  |
| {Team member Name} | Developer |  |  |

# Appendix:

{Additional documents or references, if any, go here. If nothing to place in this appendix, just write “None”, do not remove appendix}