

SRS document

Developers Forum

Version: **<1.0>**

Submitted by:

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Milestones

Title	Description	Start Date	End Date
Project Approval	Approval of the project with all parties	01.04.18	01.04.18
Design Approval	The design is approved before integrating the design of the project	02.04.18	4.04.18
Backend structure Decision	Decide what development of backend structure including things such as database, backend functions handling registration of users and other necessary functions	05.04.18	07.04.18
Program Language	Approval of what program language to use.	08.04.18	08.04.18
Role Players	Decide on role player in project.	09.04.18	10.04.18
Payment Method	Decide how to Integrating payment method to the website.	11.04.18	11.04.18
Project Completion	Completed the project	01.07.18	05.07.18

SRS

1. Introduction

This section gives a scope description and overview of everything included in this SRS document. Also, the purpose for this document is described and a list of abbreviations and definitions is provided.

1.1 Purpose

It will explain system constraints, interface and interactions

The primary purpose of this document is intended to create an overview of the features in the developer forums to present to the client for approval and guidelines/guide for the developers.

1.2 Scope

Developers forum is a start-up idea developed by a bunch of students which is yet to launch. The company specialises in providing top-skilled front-end developers/designers for various clients worldwide.

The forum wants to have a website to accomplish it.

They have approached for the help in making a full SDLC and maintenance of the site.

Clients can upload projects and have a system match the clients to the developers/designers that fits best. Let the client pick teams or individual members. Share, chat and collaborate between the clients and developers/designers.

They will be able to see the developers/designers profile, review, years of experience, previous work and hourly rates.

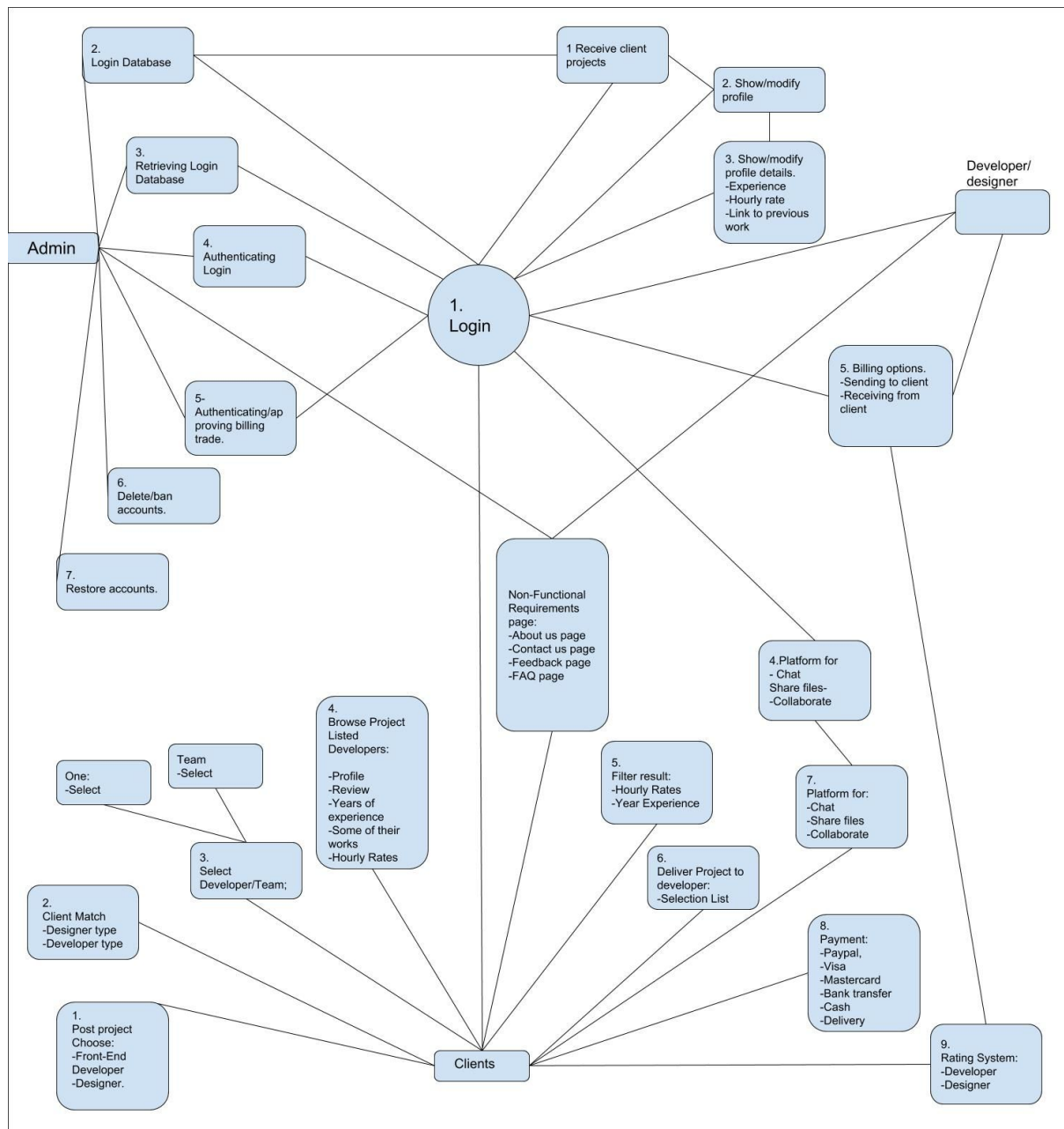
1.3 Definitions

Terms	Definition
Client	Someone who interacts with the site who uploads projects to find Developers/Designers suited.
Admin/Administrator	System administrator who is given specific permission for managing and controlling the system
Developer/Designer	Individuals or teams of users looking/working on projects.
RAT	Rational

2. Overall Description

This section will give an overview of the whole system. The system will be explained in its context to show how the system interacts with other systems and introduce the basic functionality of it. It will also describe what type of stakeholders that will use the system and what functionality is available for each type. At last, the constraints and assumptions for the system will be presented.

2.1 Product Perspective Diagram of the system



2.2 Product Functions

This system will one application. Web portal. This will be used for managing all the information and system.

It will need to store the data in a database. The web portal will communicate with the database to add and modify data. All the database communication will go over the internet.

2.3 User Characteristics

There are three types of users that interacts with the system: Clients, developer/designers and the administrator. These three types have some common uses and some different use of the system so they each have their own requirements.

They will all interact with the web portal.

The admin will manage the system that will in turn match clients with developer/designer lists.

The developers/designers will have computer knowledge within creating and designing projects in specialised fields relevant for their occupation.

The developers/designers will manage the information on their profile for:

- Years of experience.
- Their previous works.
- Hourly rate.

The client will be able to:

- The clients are people that wants to upload projects and get developers/designers to take the task at hand. They themself do not need to know computer knowledge within development and designing.
- add their own information of review on the developers/designers after each project at completion.

2.4 Constraints

The software should ensure safety of information of payment details. The site only connects the users with the developers/designers and are only a middle communication between the developers/designers and the clients have no further influence over the projects.

The website require internet connection in order to login and for communication/sharing/collaboration between the users.

2.5 Assumptions and dependencies

The client will almost always be new users for each project. The developers/designer will be regular users and know the system well.

The site is dependent of at least half of the users having basic computer knowledge. It depends on the users to have a machine to be capable to upload files and have a browser.

3. Specific Requirements

This section contains all of the functional and quality requirements of the system. It gives a detailed description of the system and all its features.


3.1 User Interfaces(diagrams of different pages)

Client Login page.

Developer/designer inspect page.





My Project page.

Search developer/designer page.

	<div>Username <input type="text"/></div> <div>Password <input type="password"/></div> <div><input type="button" value="Log in"/></div> <div>Not registered? Click here.</div>	<div>Home</div> <div>My - Project</div> <div>Create - Project</div> <div>Developer/ Designers</div> <div>My Mail</div> <div>Settings</div> <div>Log out</div>	<div>PROFILE</div> <div></div> <div>Name: <i>Name Nameson</i></div> <div>Review: ★★☆☆☆ <input type="text" value="3/5"/></div> <div>Years of experience: <input type="text" value="14"/></div> <div>Link to previous works: <input type="text" value="<link>"/></div> <div>Hourly Rate: <input type="text" value="78\$"/></div>
<div>Home</div> <div>My - Project</div> <div>Create - Project</div> <div>Developer/ Designers</div> <div>My Mail</div> <div>Settings</div> <div>Log out</div>	<div>My Project</div> <div>Name. <input type="text" value="Salami."/></div> <div>Members. <input type="text" value="11 Members"/></div> <div>Progress. <input type="text" value="69 percent completed"/></div> <div>Current Cost. <input type="text" value="1500 dollars"/></div> <div><input type="button" value="Search."/></div>	<div>Home</div> <div>My - Project</div> <div>Create - Project</div> <div>Developer/ Designers</div> <div>My Mail</div> <div>Settings</div> <div>Log out</div>	<div>Search Developers/Designers</div> <div>Name. <input type="text"/></div> <div>Hour Rate. <input type="text"/></div> <div>Years. <input type="text"/></div> <div>Rating. <input type="text"/></div> <div><input type="button" value="Search."/></div>

Developer/Designer login page, Team member page, Project overview, Search projects

	<div><div>Username</div><div></div><div>Password</div><div></div><div>Log in</div><div>Not registered? Click here.</div></div>	<div><div>Home</div><div>Users-D&D</div><div>Users-Client</div><div>Projects</div><div>Overview</div><div>My Mail</div><div>Settings</div><div>Log out</div></div> <div><div>D&D User Team</div><div><div></div><div></div><div></div><div></div></div><div><div>Name: Name Nameson</div><div>Name: Name Nameson</div><div>Name: Name Nameson</div><div>Name: Name Nameson</div></div><div><div>To do tasks:</div><div>13/31</div></div><div><div>Currently ongoing:</div><div>5/31</div></div><div><div>Link to current files:</div><div><link></div></div><div><div>Currently fund spent:</div><div>780£</div></div></div>
<div><div>Home</div><div>Users-D&D</div><div>Users-Client</div><div>Projects</div><div>Overview</div><div>My Mail</div><div>Settings</div><div>Log out</div></div>	<div><div>User D&D</div><div><div>Name.</div><div>Salami.</div></div><div><div>User ID..</div><div>AT0197458094</div></div><div><div>Activity.</div><div>13:45 2018.01.04</div></div><div><div>Usage Spent..</div><div>1500 dollars</div></div><div>Search.</div></div>	<div><div>Home</div><div>Users-D&D</div><div>Users-Client</div><div>Projects</div><div>Overview</div><div>My Mail</div><div>Settings</div><div>Log out</div></div> <div><div>Search for Projects</div><div><div>Name.</div><div></div></div><div><div>Project size. Current Status</div><div>3-5 months. Ongoing</div></div><div><div>Current members.</div><div>15</div></div><div><div>Estimated cost..</div><div>7000£</div></div><div>Search.</div></div>

	<p>Username</p> <input type="text"/> <p>Password</p> <input type="password"/> <p>Log in</p> <p>Not registered? Click here.</p>	<p>Home</p> <p>My - Project</p> <p>Search - Project</p> <p>Team Members</p> <p>My Mail</p> <p>Settings</p> <p>Log out</p>	<p>Team Members</p> <div>     </div> <div> <p>Name: Name</p> <p>Name: Name</p> <p>Name: Name</p> <p>Name: Name</p> </div> <p>To do tasks: 13/31</p> <p>Currently ongoing: 5/31</p> <p>Link to current files: <link></p> <p>Currently fund spent: 7800£</p>
<p>Home</p> <p>My - Project</p> <p>Create - Project</p> <p>Developer/ Designers</p> <p>My Mail</p> <p>Settings</p> <p>Log out</p>	<p>My Project</p> <p>Name.</p> <input type="text" value="Salami."/> <p>Tasks Remaining.</p> <input type="text" value="31 Tasks Remaining"/> <p>Progress.</p> <input type="text" value="69 percent completed"/> <p>Current expense.</p> <input type="text" value="1500 dollars"/> <p>Search.</p>	<p>Home</p> <p>My - Project</p> <p>Create - Project</p> <p>Developer/ Designers</p> <p>My Mail</p> <p>Settings</p> <p>Log out</p>	<p>Search for Projects</p> <p>Name.</p> <input type="text"/> <p>Project size.</p> <input type="text" value="3-5 months"/> <p>Minimum members.</p> <input type="text" value="15"/> <p>Estimated cost..</p> <input type="text" value="7000£"/> <p>Search.</p>

Admin. Login page, Project overview, Team Overview, Project Overview.

3.2 Hardware Interfaces

Since the webpage is all online there is no direct hardware except the server where all the data is stored. The different users must all have a hardware that supports web browser capabilities to communicate with the site.

3.3 Functional Requirements(Different functions that can be performed by each user in the system)

ALL Roles:

Title: Create an account

Description: In order to access the site and interact with it.

RAT: In order to create and interact with projects.

Title: User Create Account Security

Description: If a user wants to create an account and the desired user-name is occupied, the user should be asked to choose a different user-name.

RAT: In order for creating an account

Title: Search price/destination

Description:Accepted input for price and destination search DESC: Integers should be accepted as input when a user searches by price or destination. If the system receives an invalid input the user should be informed and prompted to insert an accepted input.

RAT: In order for a user to search with valid input.

Title:Internet Connection

Description:The site need to be connected to the new for the login to work.

RAT: In order for the website to get connected with the users and project files,uploads and chat.

ADMIN:

Title: Approve Account Creation

Description: Approved a newly created account.

RAT: Data Validation.

Title: Delete/Ban Account

Description: Removal-deletion or ban of an Account due to various reasons.

RAT: Data Modification.

Title: Restore Account

Description: Restore an Account due to several reasons.

RAT: Data Modification.

Title: Client-Match-C

Description: Check Match data between client browse choice and developer/designer profile.

RAT: Data Process.

Title: Delete/terminate project

Description: To delete or terminate a project due to several reasons.

RAT: Data Modification..

Title: Chat-log-check

Description: Check Stored chat log for short periods of time due to several reasons.

RAT: Data Storage.

Title: Rate-Ap

Description: To check/approve a clients rating on a developer/designer person/team

RAT: Transfer Data

DEVELOPERS/DESIGNERS:

Title: Modify Profile

Description: To modify data information in profile on. Years of experience, Previous Works and hourly rate.

RAT: Data modification.

Title: Recieve Project

Description: To receive data information about a project from a client

RAT: Data transfer.

Title: Share File

Description: In order to share files to developers/designers to collaborate on a project.

RAT: Data transfer.

Title: Chat

Description: In order for the client to communicate with the developer/designer.

RAT: Communication.

Title: Bill

Description: To send the client a bill before/or after project.

RAT: Communication/data transfer.

CLIENTS:

Title: Create and post project

Description: To create and upload a project task for developer/designers to work on.

RAT: In order to create and interact with projects.

Title: Select member

Description: To select developers/designers for their project

RAT: In order to start a project.

Title: Select team

Description: To select developers/designers teams for their project

RAT: In order to start a project.

Title: Show D/D-profile

Description: To show the profile of a developer/designer

RAT: In order for a user to see info.

Title: Show D/D-pro profile-info

Description: To show the profile of a developer/designer by their Review. Years of Experience, Their Works, Hourly Rate.

RAT: In order for a user to see info.

Title: Browse info

Description: In order to browse the information of developers/designers based on Review, Year experience, Hourly rate.

RAT: In order for a user to see info.

Title: Set favorite

Description: In order to set a specific developer/designer as a favorite

RAT: In order for a user to modify data preference.

Title: Submit Project

Description: In order to accept developers/designers for the project.

RAT: In order for a user to start a project.

Title: Chat

Description: In order for the client to communicate with the developer/designer.

RAT: Communication.

Title: Share File

Description: In order to share files to developers/designers to collaborate on a project.

RAT: Data transfer.

Title: Bill-Rec

Description: To receive a bill from the developer/designer for a project.

RAT: Communication/data transfer.

Title: Rate

Description: To rate a developer/designer on their work

RAT: Transfer Data

4. Non Functional Requirements.

Title: About Us

Description: Page detailing the website's background and functions and usage.

RAT: Website description.

Title: Contact Us

Description: Page detailing how to contact the website for info or request services.

RAT: Communication.

Title: Feedback

Description: Page to send information about the webpage's services and webpage status.

RAT: Communication.

Title: FAQ

Description: Page describing common questions.

RAT: Information.