

Technical specification document

Developers Forum

Version: **<1.0>**

Submitted by:

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Document information

Approval

Date	Role Player	Approval criteria
2018.04.16	Business responsible	Approves this document for further processing
2018.04.16	Project manager	Approves this document for further processing

Revision tracking

Date started 2018.04.16 by Oda Gabriela Undertun Antonsen version 1.0.
There have been no changes as there is only one document.

Version	Date	Name	Description
1.0	2018.04.16	TSD	Technical Specification Document

Document references

Ref id.	Document Name	Date	Version
1	Eg:SRS	2018.04.16	1.0

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1.0

Background

The purpose of the project

Find specialises in providing top-skilled front-end developers/designers for various clients worldwide.

The forum wants to have a website to accomplish it.

Analysis

The project is about creating a platform that will let clients post wanted projects and asking for Developers and Designers to complete the task, having a system that will allows them to match with the wanted demands as well as an overview of details like. Members of the project, progress and cost. Allowing communication between both the Clients and developers/designers with a chat and file transfer system.

Design/Coding

HTML, CSS, Javascript

2. Analysis

Operations

Upload system

Allows the clients to create a project with requirements and information and being able to upload it to the site.

Login pages for:

Admins.

Clients.

Developers/Designers.

Create user profiles for:

Clients.

Developers/Designers

Profile detailing

Allowing the client to set favorites on certain Developer/Designer member/teams for future possible projects

Browsing system for project

Allowing Clients and Developers/Designers to browse for projects/Members and clients.

Match System for Developers/Designers and Clients

Creating a match for spesifik requirements wanted by the client for their projects.

Communication system

Allows the clients and Developers/Designers to communicate with each other/between themselves

Transfer System of files

Allowing the client and Designers/Developers to send files to each other or between themselves during and after projects creation.

Payment system.

Allowing the Developers/Designers to send a bill to the Client about the project
Allowing the Client to send required money and funds for starting/completion of the project.

Monitoring

Allowing the site to be monitored by Admins to overlook the website and profiles, projects.

Platform

The operating system will be mainly on laptop, desktop due to the nature of the project. Making it more stable as it is critical for the data files and information. It will be used mainly on Chrome, Firefox and mozilla.

non-functional requirements

There will be four non functional pages on the website:

About Us
Contact Us
Feedback
FAQ.

These will be preloaded.

There will be weekly maintenance to check for old projects that has either been: Canceled, expired or completed.

3. Architecture

Software components

Standard Server computers

Database servers and databases

Database and servers will be external stored by the students

4. Design

1.1 User interface / GUI

User interfaces

USER:

Post project

Select a single developer/designer for my project.

Select a team for my project

Browse the developers:

- Profile

- Review

- Years of experience

- Their works

- Hourly rate

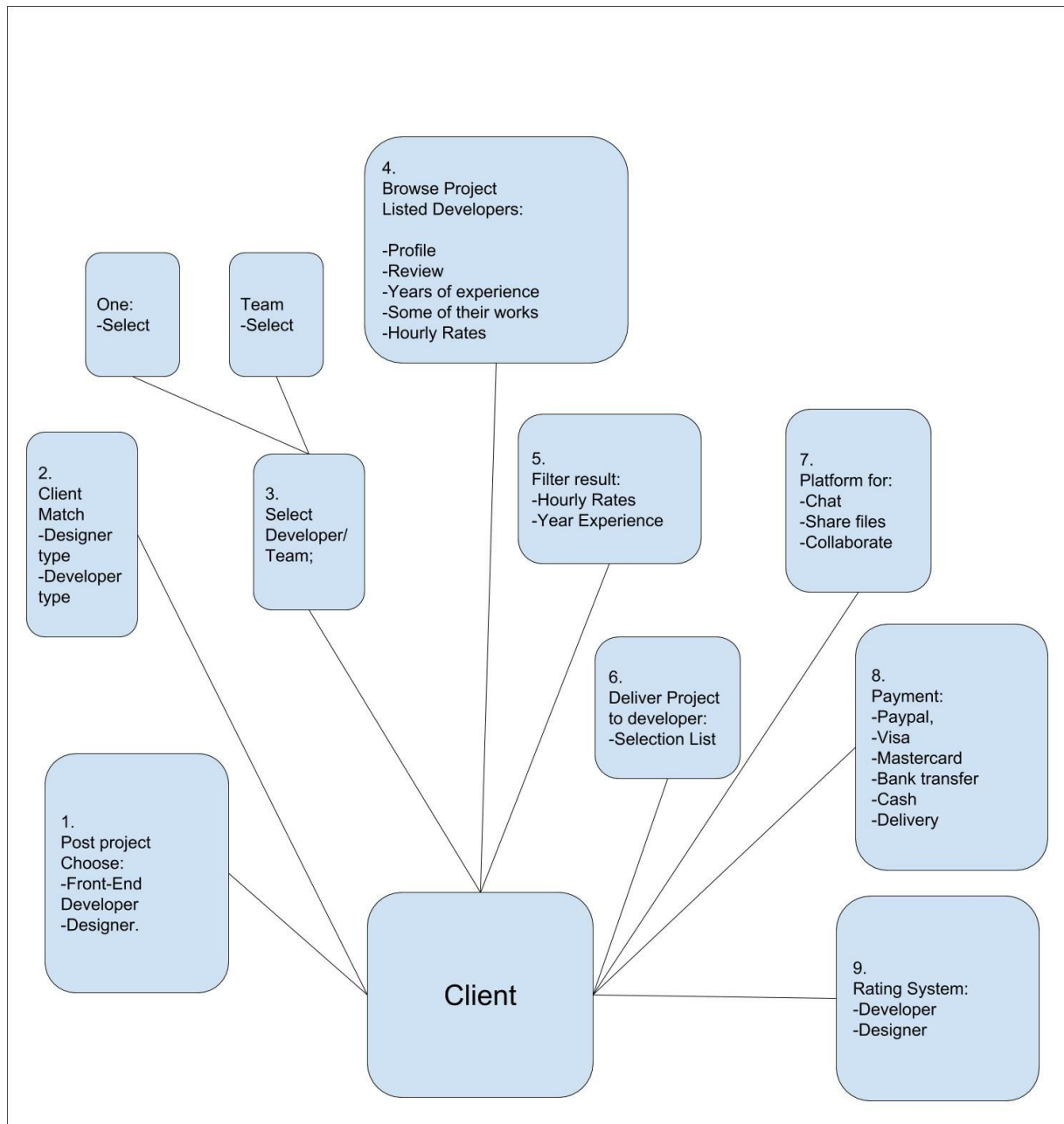
Filter the results in hourly rates and years of experience

Make a developer/designer as a favorite

Hand over the project to favorites in the list

Chat,share and collaborate with the developers/designers

Rate the designer/developers



Developer/Designer

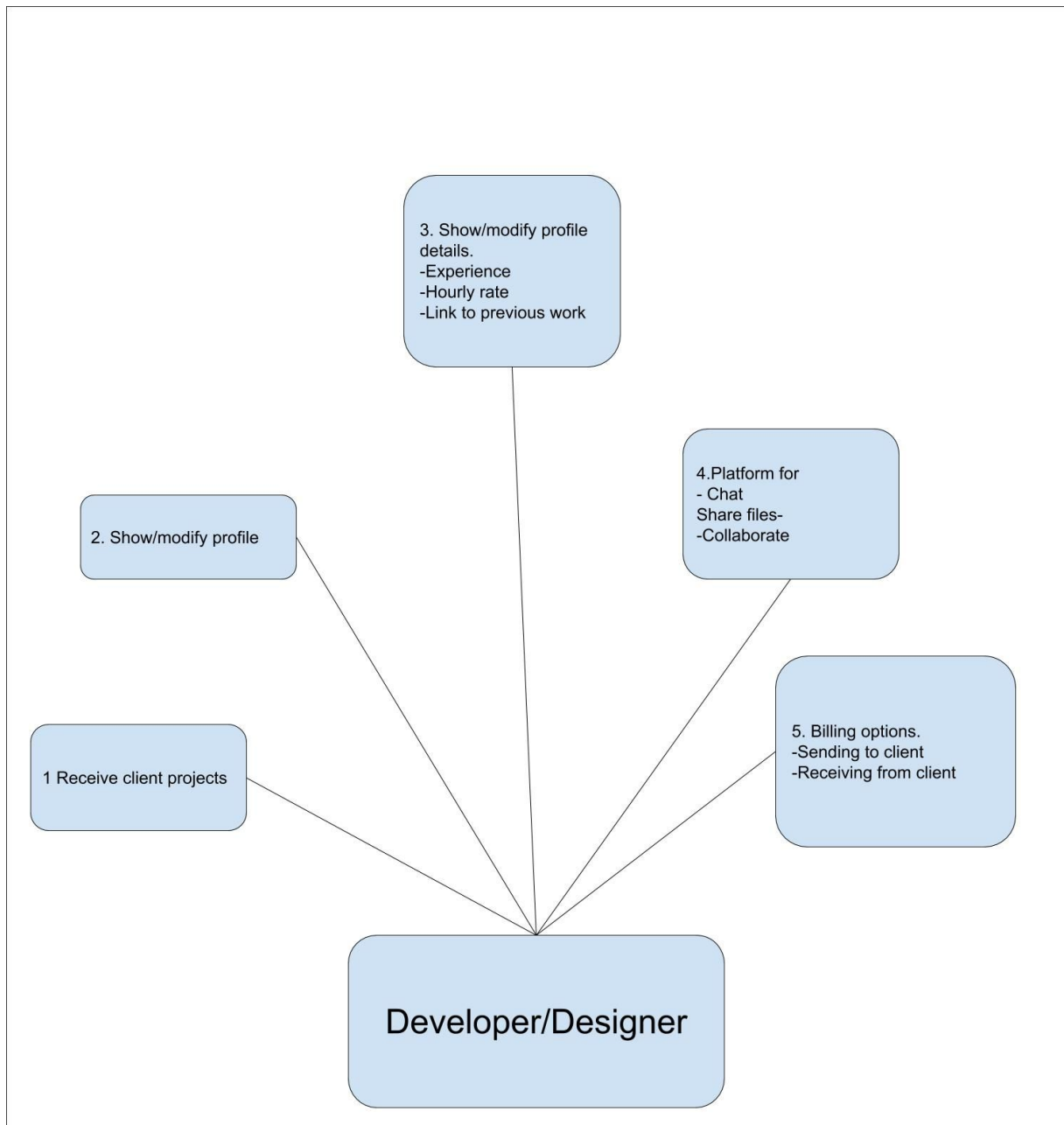
Receive client projects

Show my profile.

Show my experience in years and work.

Show my hourly rate.

Chat, share files and collaborate with my team members and client.



Admin

Let client create and post projects.

Match clients with the developer/designer list.

Let client to upload projects and request developers/clients.

Create communication platform like chat, share and collaborations.

Let the developer/designer upload their profile and information.

Create teams of the developers/designers.

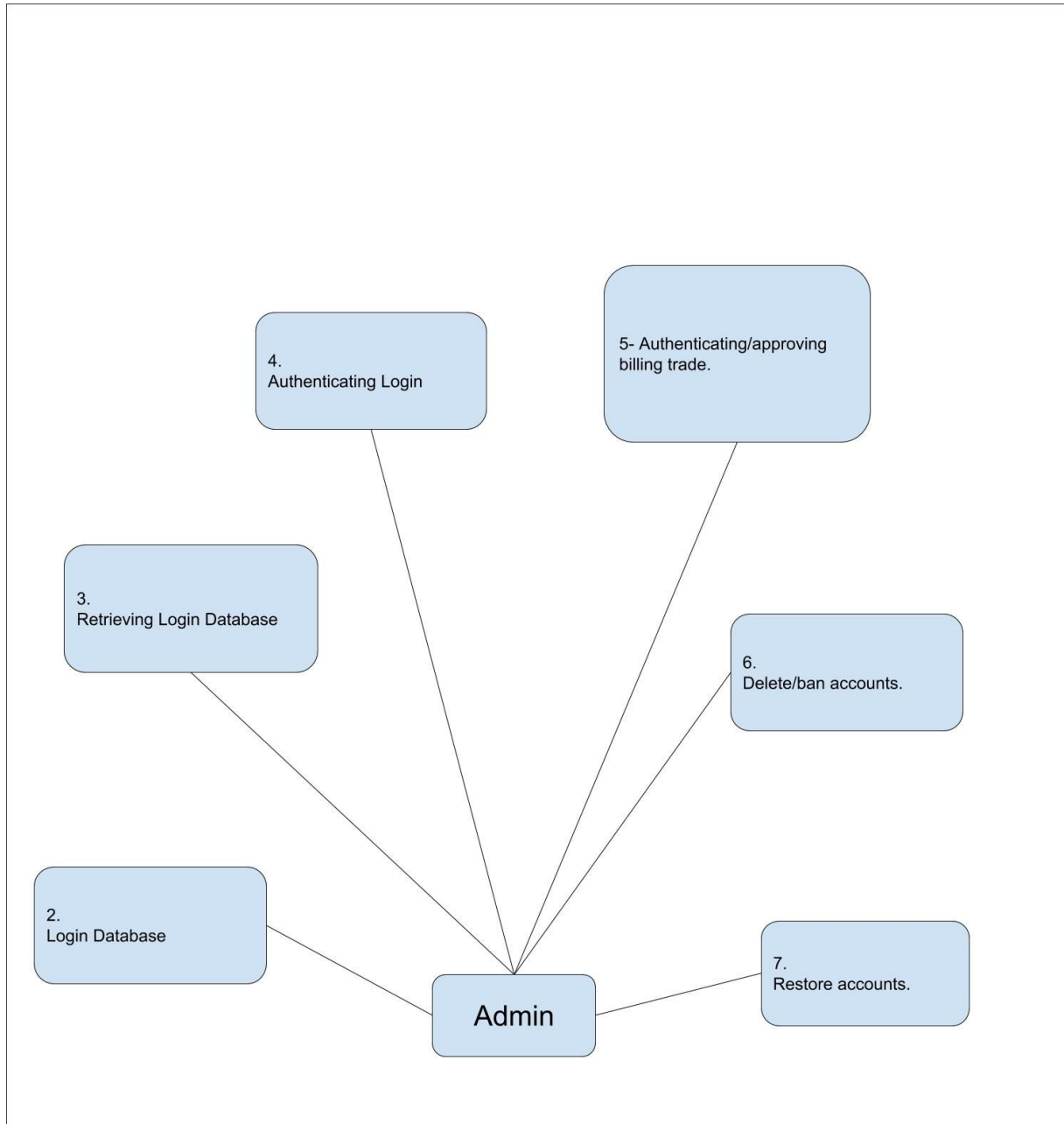
Let the client be able to select teams or individual members.

Let the client be able to create favorites.

Payment arrangement via Paypal, Visa, Mastercard, Bank transfer or cash on delivery.

Look over rating system on the developers/designers.

Look over database login information.



Multi-Language Support

Norwegian.
Danish.
Swedish.
English.
German.
Deutsch.
Russian

1.2 Internal functions

Platform / server

Desktop/Laptop.
External Server

Transactions

PayPal, Visa, Mastercard, bank
transfer, cash on delivery

1.3 Database

Information about different uses in the database

Main use of the database

Upload profile information
Tasks creation
Files uploads
Communications
Transaction (costs and bill)

Tables list

Clients
Developers
Designers

Stored procedures

Project information
Profile Information
Payment information

Jobs

Designers
Developers

Backup routines

Daily backup storing at 00:00

5.Other topics

Monitoring and controlling of runtime-operation

Weekly maintenance at 03:00 every sunday to go check for bugs or memory leak.