**Functional design Waifu Logics**

**Project: The I.T. Connection**

**Client: Waifu Logics**

**Projectnumber: 001**

**Auteur: Guylian Gilsing, Peter Janssen, Duncan Sterken**

**Date: 23-4-2018**

**Version: v0.0.1**

The undersigned declare their agreement with the content of this functional design.

**Client Projectmanager**

***Initial Seen: Initial Seen:***

Date: <Geef de datum op.> Date: <Geef de datum op.>

Place: <Geef de plaats op.> Place: <Geef de plaats op.>

Functional design document

Inhoud

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# PROJECT MANAGEMENT

* We have 3 people working on this project:
  + Duncan Sterken: Backend.
  + Peter Janssen: Front End + Backend
  + Guylian Gilsing: Backend + Frontend.
* Each member will do these things:
  + Duncan Sterken:
    - Backend Chat System.
  + Peter Janssen:
    - Front End design.
    - Backend Login System.
    - Backend Register System.
    - Backend Account Systeem.
  + Guylian Gilsing:
    - Front end Realization.
    - Backend File Uploader.
    - Database Design.
* We use the SCRUM principle, this means that we hold meetings at the start of the day.
* Every morning.

# PROJECT DETAILS

* Project Name: The I.T. Connection.
* Name of the client
* Guylian Gilsing

# PROJECT DESCRIPTION

* At this moment there isn’t a hub for people in the I.T. work field. Our goal is to make a website that provides a platform for these people to network and help each other.

# REQUIREMENTS

* Our website needs to do these things.

Requirements can be divided in the following categories:

* Must
* Should
* Could
* Won’t

We called this: MoSCoW

## CONTENT OF A REQUIREMENTS DOCUMENT

* Name of project/assignment
* Name of the client
* Name of the contractor (You)
* Short impression of the current workflow/situation
* Short impression of what the client expects from your results
* The bullets of the requirements (MoSCoW)

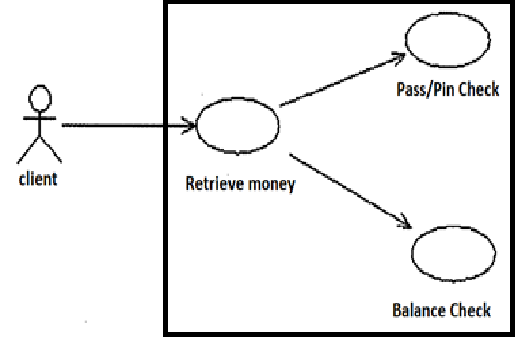
# USE CASE DIAGRAM AND SCENARIOS

Based on the required functionality of the system.

Functionality: what the system DOES ( NOT how it will do it)!!

How to make them:

1. Which ACTOR(s) will work with the system?
2. What functionality will an ACTOR use/have available.
3. Each functionality translates to a use case.
4. When a (sub)functionality is used by multiple actors you must make it a separate use case.
5. Each use case diagram has the following general outline



1. For each use case you should write a scenario. (What has to be done to use the functionality in steps).
2. The general outline of a scenario:

Name: << name of the use case >>

Actor : << name of the actor(s) who use this >>

Pre : << conditions which should be satisfied before the use case can be used >>

Description: << the normal flow of the use case in steps (functional) >>

Alternative: << the alternative flow(s) if possible (e.g.: error flow)

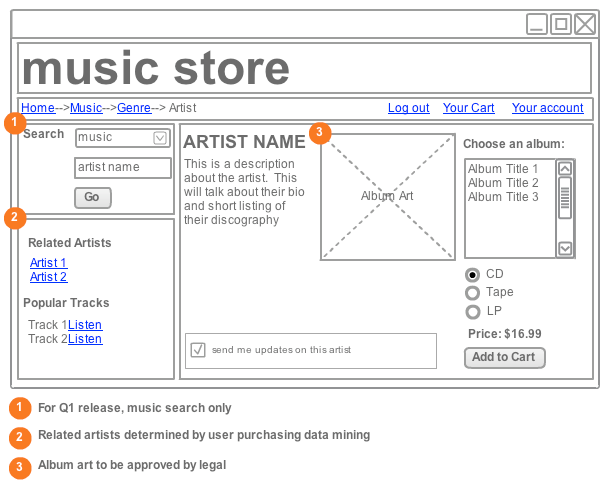
Result: << the expected result of the normal flow>>

You should check if the use cases cover ALL the requirements ( use a matrix to show that)

# WIREFRAMES

Sketch the primary forms you will use in your system. Where will be which information.

Example:



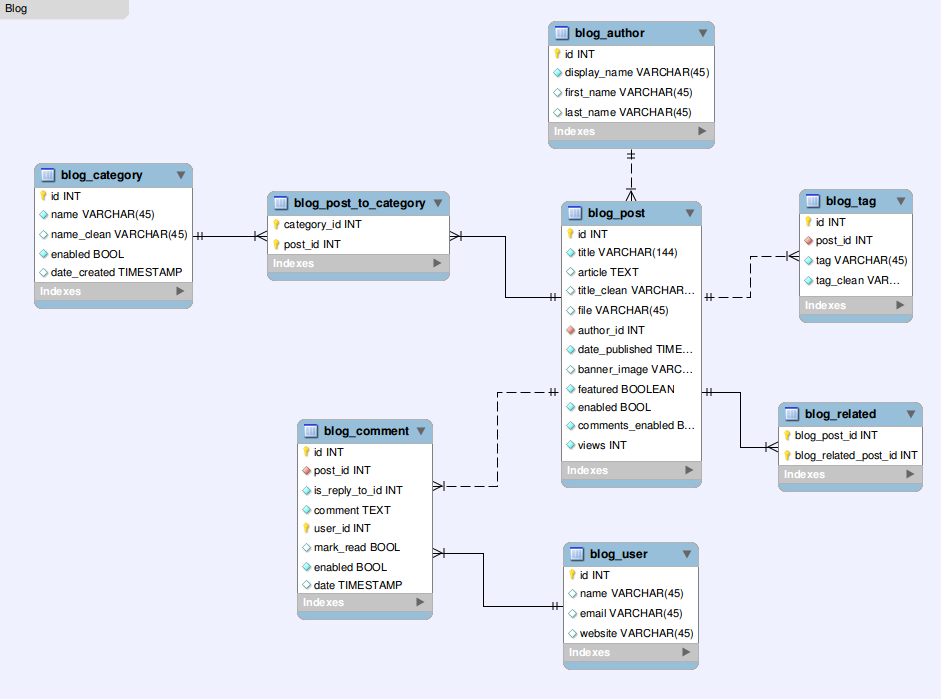
You should check if the wire frames cover ALL the use cases ( use a matrix to show that)

# PERSISTENT DATA

Description of which data will be stored and can be read/written to.

N.B. The type of storage that will be used is NOT relevant at this moment (This will be relevant in the technical design paper)

The UML diagram which can be used is an ERD.



A less formal description is sometimes acceptable. (during first year of the education) e.g.

Student(Number, Name, Address, Zipcode, Telephone,…)

Employee(Number, Name, Address, .., Rol,…)

Subject(Number, Name)

Group(Number, Name, Mentor)

# APPENDICES

## APPENDICE A

Approval.

If You agree with the content of this Functional Design Document, please return a signed copy of it.