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Description

The PDR is about the inside of the project. This relates to database schema, the logic behind, server management and other technical information

Project Definition report

Definitiestudie

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# Cloud Server Initialization

## Domain Name

The domain name what would be cheery.nl is bought at neostrada.nl because it’s a cheap domain-name service and it allows you to alter the name-servers to something else what is appropriate for you.

The price for the domain is €3,99 for the first year, if you want to lengthen the time it’s going to cost €9,-.

## Cloud Server (droplet)

The cloud server is bought at Digital Ocean ([https://www.digitalocean.com/](https://www.digitalocean.com/?refcode=705dc9bfe7f5)) for $5.00 per month. Digital Ocean is a professional cloud server service for high quality servers which they call droplets. Also Digital Ocean has a API which makes is better but is not relative for this project.

Statistics of the cloud server (droplet):

* IP Address: 178.62.143.203
* Gateway: 178.62.128.1
* Netmask: 255.255.192.0
* Memory: 512MB (RAM)
* Disk: 20GB (Storage)
* Region of server: AMS2 (Amsterdam 2)
* OS: Ubuntu 14.04 x32 (vmlinuz-3.13.0-57-generic)

The droplet is installed with a 32 bit OS because it only has 512MB RAM which is not much and by choosing 32 bit OS it performs better.

# Database

MySQL 5.5.44

# Use-Case diagrams

# Project Management

## File Structure

Bullet for files  
Squares for folders  
Blue for info  
Red for not self-written code  
Green for self-written code

* index.php

Index file is the first file that the user sees when going to the server

* lib

Libraries are pre-written code by others and frameworks that are used in the project

* + bootstrap-material-design
* res

Resources folder for files that get included in other files

* + js
    - main.js

Main JavaScript file that is used on every page (most times only for initialization)

* + css
    - main.css

Main CSS file that has styling for every page

* includes

Includes folder contains all the files that are included into the project

* + userManager.php
  + mysqlManager.php