

SOFTWARE PROJECT MANAGEMENT PLAN

LOTTERY MANAGING API

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DOCUMENT CONTROL

CHANGE HISTORY

REVISION	CHANGE DATE	DESCRIPTION OF CHANGES
V1.0		INITIAL RELEASE

DOCUMENT OWNER

ASMIR IBROVIC IS RESPONSIBLE FOR DEVELOPING AND MAINTAINING THIS DOCUMENT.

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Overview

Purpose and Scope

The aim of this document is to specify complete description of the Lottery Managing API.

This project is being initiated as a final project of the back-end module for my full stack development course at the “CodeAcademy”.

The purpose of this project is to demonstrate my skills for build RESTful API's, and ability to use this technologies and technical requirements:

- Node RESTful API (Express.js)
- Databases – MySql
- ORM – Sequelize.js
- ECMAScript (es6/es7 features)
- Eslint, babel, flow
- AWS (Amazon Web Services)
- Design pattern – modules

Goals and Objectives

1. Lottery management

- a. Id
- b. Name
- c. Fond prize
- d. Grand prize
- e. Owner
- f. Start date
- g. End date

2. Users management

- a. Id
- b. Last Code
- c. Name
- d. Email
- e. Phone

3. Codes management

- a. Id
- b. Code
- c. User Id
- d. Lottery Id
- e. Status (Free, taken, rewarded)
- f. Rewarded at

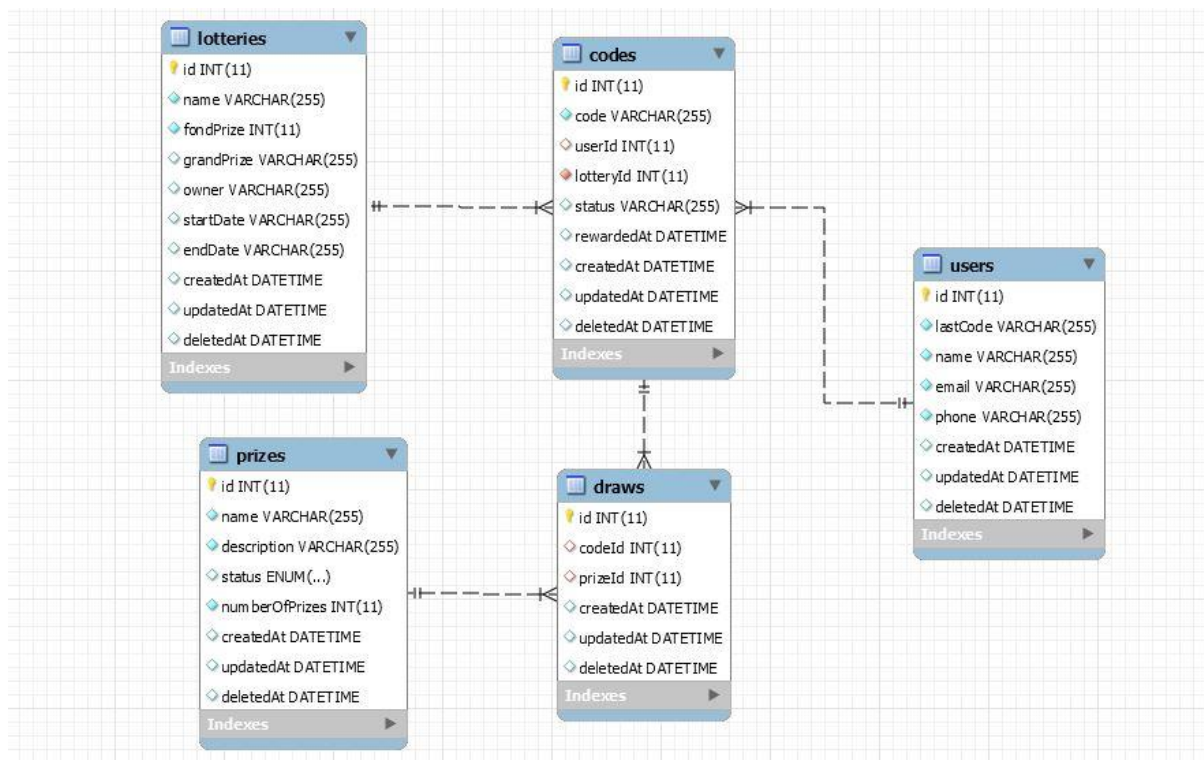
4. Prize management

- a. ID
- b. Name
- c. Description
- d. Status per day, per week, final)

5. Draw management

- a. ID
- b. Code Id
- c. Prize Id

Relations



Project Deliverables

The following items will be delivered to the customer:

1. Source code for server portion of the system
2. User's guide
3. API Documentation
4. System test cases

Assumptions and Constraints

Assumptions:

1. The API works on tested hardware.

Constraints:

1. The API must run on Windows 10, Chrome.
2. The API must be ready by 15/04/2019.
3. The API must use SQL database.

Schedule and Budget Summary

This project doesn't have budget plan yet.

Success Criteria

- Pass rate on the presentation by the jury
- Delivered by 15/04/2019