## World Cup Prediction Model MLB Software

# Resource Management Plan

### Versión <1.0>

### 31/08/2022

# Document Control

## Document Information

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## History

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## Approval

| **Rol** | **Name** | **Signature** | **Date** |
| --- | --- | --- | --- |
| Project Manager | Luis Larios | Confirmed | 08/31/2022 |
| Communications Manager | Marcelo Hernandez | Confirmed | 08/312022 |
| Documentation | Brian Salomon | Confirmed | 08/31/2022 |

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# Team identification

| Requirements/ Components | Necessary Abilities | Rol/Level |
| --- | --- | --- |
| APIs | REST, JSON, Javascript. | Developer (L4) |
| Data Management | Relational databases experience  Manipulate data in archives .cvs using Java | Developer (L4) |
| Neural Network | Create and train neural networks | ML Engineer |
| Web APP | HTML, CSS, Javascript, React | Developer |

# team acquisition

| Expertise | Team | Recruitment |
| --- | --- | --- |
| Developer (L4) | Software Development | CTO |
| Project Manager | Software Development | CEO |

# Team Management

This project’s development will be divided between all the team members. Each team member will ensure an office job is fulfilled, while they also take part in the software development. Results and doubts about the project development will be presented in a weekly matter, to ensure the fulfillment of the project is done in a continuous and accurate way.

# Project Organisation Chart

|  |
| --- |

# Roles and Responsibilities

| Rol | Authority | Responsibility | Qualifications | Competencies |
| --- | --- | --- | --- | --- |
| *Procurement Manager* | *Asure the project follows ISO standards* | *Make sure the project's development follows ISO standards* | *ISO Quality software development* | *Teamwork, English fluent speaking* |
| *Project Manager* | *Manages time and scope decisions inside of the parameters of the project.* | *Day to day project management.* | *SCRUM Master* | *Teamwork, English fluent speaking* |
| *Communications Manager* | *Handles communication with the client.* | *Communicates doubts and progress with the client.* | *Ability to communicate technical stuff to people with no technical prowess.* | *Teamwork, English fluent speaking* |
| *UI/UX Developer* | *Front end web development.* | *Handles front web development of the website.* | *UI/UX prowess.* | *Teamwork, English fluent speaking, Front end dev* |
| *QA Analyst* | *Manages testing*  *CI/CD automatization* | *Tests every procedure of the app.* | *Quality Assurance Management Professional, Certified Software Test Automation Specialist.* | *Teamwork, English fluent speaking* |

# Training Requirements

* *Machine Learning*
* *Multilayer Perceptrons*
* *framework React.js*
* *Front-end and back-end*

# Team Integration

*Weekly online meetings, whatsapp group*

# Equipment

| Código de Costo | Description | Specs | Amount | Provider |
| --- | --- | --- | --- | --- |
| E022 | Celular Internet | 4G | 3 | Telcel |
| E0120 | Laptops; windows OS | 4 core 8 thread or equivalent cpu, 16 gb ram | 3 | HP |