# Project Charter Psychiatrist Chat Bot version (1.0)

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| 1.0 Project Identification | |
| **Name** | *Psychiatrist Chat Bot* |
| **Description** | *Design, develop and implement the backend for psychiatrist chat bot application* |
| **Project Manager** | Marcos Herrera |
| **Project Team Resources** | * Google Firebase * Git version control |
| **Primary Stakeholders(s)** | * Chat bot users |

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| **Business case / Statement of Need** (Why is this project important now?) |
| * Increase interest in development of applications with healthcare features are available * Reduce the need for face to face interaction * Need for easily assessible and affordable software for all potential users of the chat bot |

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| **Customers** |
| * Individuals who seek the first steps into looking for assistance with diagnosis treatment and prevention of mental, emotional and behavioral disorders |

| **Customer needs/ requirements** |
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| * Customer needs a working chat bot that can receive message from user and returns an appropriate response back to the user. Each user should have their own account that would keep track of their own chat log and be confidential. |

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| **Project definition** | |
| **Project Goals** | Develop back end architecture for front end teams to use for a psychiatrist chat bot |
| **Project Scope** | Database to save user messages, authentication service, develop decision tree to return response to user |
| **Project Deliverables** | Project Charter, Use Cases, Activity Diagrams  Domain Object Model  Or ER Diagram  Technical/Design Spec (DEV)  Context (Deployment) Diagram  Architecture Layout  Component Diagram  Class Hierarchy & Relationship Diagrams  Sequence Diagrams  Test Case Spec (QA)  Test Strategy/Approach  Test Plan  Traceability Matrix  Test Cases  Test Results Summary  Project Source Code  Project Build & Deployment Instructions  Project Release Notes |

| **Project Contraints / RIsks** *(Elements that may restrict a project)* |
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| * Sensitive subject * Quality of work * Time * Resources |

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| **Implementation plan / milestones (DUE DATES AND DURATIONS)** |
| * Sprint 1 – Requirement gathering, Project setup * Sprint 2 – Programming API, decision tree * Sprint 3 – collaborate with a front-end team |

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| **Communication Plan** *(What needs to be communicated? When is communication needed? To Whom? How?* |
| * Communication in team at least once a week discussing progress, what needs to be done next, done through online conference call. * Communication needed with a front-end team to discuss testing out API and integrating decision tree. |

| **Change Management / Issue Management** (How decisions will be made? How changes will be made?) |
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| * Team will vote together on decisions and PM will officially declare and changes that are to be made |

| **Project Team Roles and responsibilities** |  |  |
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| Team Members | Roles | Responsibilities |
| Marcos Herrera | PM | Manages team and oversees work |
| Matthew Chang | Dev | Develop decision tree and tests |
| Enrique Hernandez | QA | Quality assurance tests |
| Kenny Chhoeun | Dev | Setup database and api |

| **Stakeholder roles and responsibilities** |  |  |
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| Stakeholder | Roles | Responsibilities |
| Chat Bot User | User | Main user of product, ideally will report problems with the product to the development team. |