# Read O’write

PROJECT CHARTER DOCUMENTATION

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**EP-1650064**

**17-Sep-18**

**PROJECT CHARTER DOCUMENT HISTORY**

## Document Revision

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Author | Release Date | Reason for Changes | Version# | Approval |
| Noor-ul-Anam Ruqayya | 27-12-2018 | XXXX | 0.0.0 | Adnan Ali  Yasir Ahmed |
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## Distribution History

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| --- | --- | --- | --- | --- |
| Name | Title | Company | Distribution Date | Distribution Version# |
| Yasir Ahmed | Designer | CypherSofts | 27-11-2018 | 0.0.0 |
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## 1. EXECUTIVE SUMMARY

The purpose of this document is to present a detailed description of Read O’write. It will explain the purpose and features of the application, the interfaces of the application, what the application will do, the constraints under which it must operate and how the system will react to external stimuli.

## 2. GENERAL PROJECT INFORMATION

Project Title = Read O’write

Project ID = 0001

Sponsoring Organization = CypherSofts

Sponsor Representative = Karachi University

Prepared by = CypherSofts

Version = 0.0.0

## 3. PROJECT STAKEHOLDERS

|  |  |  |  |
| --- | --- | --- | --- |
| POSITION | TITLE | PHONE | E-MAIL |
| SPONSOR  REPRESENTATIVE | Adnan Ali | 256103-6355 | AdnanAli@gmail.com |
| PROGRAM MANAGER | Syed Faris Ahmed | 5716976-57125 | faris@gmail.com |
| PROJECT MANAGER | Anam Shamim | 52741524-527635 | Anam15@hotmail.com |
| CUSTOMER/USER | Social Community | xxxxx | xxxxx |

## 4. PROJECT PURPOSE

The purpose of this document is to present a detailed description of the Read O’write. It will explain the purpose and features of the application, the interfaces of the application, what the application will do, the constraints under which it must operate and how the system will react to external stimuli.

Business Issue

This mobile application will be a book reading and book collection application. It will be designed to provide a platform so that user can read and write stories and keep a collection.

This application will allow user to search through the database for all categories of books and read them. It also allows them to upload and share their own story.

|  |  |
| --- | --- |
| STRATEGIC PLAN ELEMENT | PROJECT BUSINESS OBJECTIVES |
| Design the mobile application | Hire a designer |
| Develop a GUI Environment | Hire a developer |
| Registered all members | Hire Database Analyst |
| Modification in app | Hire a person who can modify the change |

1. **PROJECT OVERVIEW** 
   1. **Product Perspective**

The product is supposed to be proprietary software. It is a Mobile application. Read O’write Provides simple mechanism for users to read, write and share stories with others.

**4.2 Product Functions**

Main functions of the Application are:

* End-User can search through all the published stories
* End-User can upload new stories to share them with community
* End-User can read any of the published stories

**4.3 User Classes and Characteristics**

There are two types of users that interact with the application: End-User and Admin. Each of these two types of users has different use of the system so each of them has their own requirements.

**2.4 Operating Environment**

The software will operate on any modern mobile with Android 4.0 or above

**2.5 Design and Implementation Constraints**

* + Language Requirements: software must be in English Language.

**2.6 Assumptions and Dependencies**

End-User must have an active internet connection. User must register in order to upload a new video.

|  |
| --- |
| PROJECT INCLUDES |
| 1. Design Mobile App 2. Develop Mobile App 3. Design and Develop Back End of Mobile App 4. Software Quality Assurance done 5. Deployment |

Assumption

* 1. There is an Internet currently available.
  2. Social community will use it regularly.
  3. Monthly earning upto $500 through Adsense

Constraints

* 1. Project budget $13,000.
  2. It should be completed by the end of the year on 27/12/2018
  3. The application’s search feature will not be available offline.

## 6. PROJECT REQUIREMENT & DELIVERABLE

* Capacity Requirement

Not more than 10,000 members to be registered.

* Safety Requirement In the event of failure, there should be another data server be on standby to provide fault tolerance capability.

* Security Requirement Every external communication between data server and end user takes place through VPN.

* Performance Requirement Database should be updated within a second. Search results should be displayed within a second. User Interface shall not take more than 3 seconds to load. Login should be validated within 2 seconds.

The UI is loaded from the server to any web browser. So our UI is compatible to any browser such as Mozilla Firefox, Google Chrome, Safari, Internet Explorer etc. It also provide responsive design so it can be viewed or operated from the Mobile Browsers as well.

## 7. PROJECT MANAGEMENT AND MILESTONES

|  |  |  |
| --- | --- | --- |
| MILESTONE / DELIVERABLE | ESTIMATED DATE | RESPONSIBLE INDIVIDUAL |
| Stakeholder assessment | 25-12-2018 | This assessment will include a variety of in-person interviews, surveys, focus groups and “expert” sources. |
| Data analysis | 28-12-2018 | Data analysis and summary of comments, ideas and needs of primary stakeholders |
| Communication Plan | 30-12-2018 | A communication plan outlining what, when, how, and to whom messages about the process and results of the planning effort should be conveyed |
| List of Strategies | 31-12-2018 | List of Strategies that will enable campus libraries to pursue a common vision and move in a coordinated direction while determining their individual courses of action to execute these strategies. |

## 8. PROJECT BUDGET & COST

|  |  |  |
| --- | --- | --- |
| PURPOSE | AMOUNT | BUDGET SOURCE |
| Hiring process | 500 $ | CypherSofts |
| Development process | 5000 $ | CypherSofts |
| Modification process | 500$ | CypherSofts |

## 9. PERSONNEL & OTHER INFORMATION

|  |  |
| --- | --- |
| RESOURSES | DISCRIPTION |
| Project Team | CypherSofts Members |
| Support | CypherSofts supports all the sponsors |
| Facilities | CypherSofts provides all the facilities |
| Equipment | XXXXXXX |
| Software Tools | Angular, Ionic, NodeJs |
| Others | XXXXXXX |

## 10. PROJECT RISK

1. Data loss
2. Server issues
3. Unable to marke

**11. ASSOCIATED DOCUMENT**

* PROJECT PLAN
* SRS
* USE CASE DOCUMENT

**12. OTHER INFORMATION**

As per needed.

## 13. APPROVAL SIGNATURE

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| --- | --- | --- |
| POSITION | SIGNATURE | DATE |
| SPONSOR REPRESENTATIVE | Adnan Ali | 7-09-2018 |
| PROGRAM MANAGER | Syed Faris Ahmed | 8-09-2018 |
| PROJECT MANAGER | Anam Shamim | 10-09-2018 |