

Readably	
Vision	Date: 08.03.2020

Readably Vision

1. Introduction

Unlike other online bookstores Readably Team aims for accessible and intuitive interface for the use of everyone including the older and disabled population.

Readably Team thinks that reading habit should start from early ages so being a child-friendly web-based application has the most importance for the Readably Project.

2. Positioning

Team Member	Role
Fatma Çiğdem Tosun	Software Project Manager
Kaan Nuri Beyhan	Software Analyst
Remzi Çiçek	Software Architect
Neşe Gamze Uyanık	Software Configuration Manager
Kerem Üremez	Software Tester

2.1 Problem Statement

The problem of	designing online dynamic web-based bookstore application.
Affects	admin, registered users, non-registered users.
The impact of which is	for children, elderly and disabled is easy use of application and easy access to books and for others is purchasing in confidence due to security of the website.
Successful solution would be	intuitive interface design, secure purchasing, registering and storing the data of the users, highly-accessible website, making website interesting to children.

2.2 Product Position Statement

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For	children, disables, elderly, students, book readers
Who	are interested in books and want to purchase them
The Readably	is a web-based bookstore application
That	is for everyone including disables, elderly, children
Unlike	popular online bookstores that is for general population.
Our product	is an alternative to people other than general population and promotes reading habit to younger generation via an interface that is tailored to children.

3. Stakeholder Descriptions

3.1 Stakeholder Summary

Name	Description	Responsibilities
Software Project Manager	In charge of the software project, manages project process, all stages, people and product.	<ul style="list-style-type: none"> ➤ Activity and resource planning ➤ Organizing and motivating a project team ➤ Controlling time management ➤ Cost estimating and developing the budget ➤ Ensuring customer satisfaction ➤ Analyzing and managing project risk ➤ Monitoring progress ➤ Managing reports and necessary documentation
Software Analyst	Analyzes the requirements of the software users and translates them to the Development team and ensures that the developed product satisfies the conditions.	<ul style="list-style-type: none"> ➤ Plan ➤ Gap analysis ➤ Applying As is - To be scenario ➤ Requirement gathering ➤ Multiple solutions ➤ Define the scope using an optimum solution

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		<ul style="list-style-type: none"> ➤ Getting the sign off from the stakeholder ➤ Software document preparation ➤ Test case preparation ➤ Knowledge transfer to developers ➤ Verification of solution ➤ Support after implementation
Software Architect	Leads the Development team in creating software solutions that meet the clients' needs.	<ul style="list-style-type: none"> ➤ Understanding requirements and constraints ➤ Choosing and evaluating technology ➤ Designing software ➤ Understanding that the architecture works ➤ Involvement in the hands-on elements of software delivery ➤ Ownership of the architecture throughout the delivery ➤ Introduction and adherence to standards and principles ➤ Guidance and assistance
Software Configuration Manager	Identifies, organizes, and controls software configuration changes.	<ul style="list-style-type: none"> ➤ Identify configuration items ➤ Define policies and procedures for change management ➤ Define versioning, baselining, build and release procedures ➤ Prepare a configuration management plan

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		<ul style="list-style-type: none"> ➤ Configuration control ➤ Configuration audit ➤ Configuration reporting
Software Tester	Involved in performing automated and manual tests to ensure the software created by developers is fit for purpose.	<ul style="list-style-type: none"> ➤ Executing tests on software usability ➤ Analyzing test results on database impacts, errors or bugs, and usability ➤ Participating in design reviews and providing input on requirements, product design, and potential problems. ➤ Interacting with clients to understand product requirements ➤ Preparing reports on all aspects related to the software testing carried out and reporting to the design team
Non-registered User	Users without accounts. They have restricted permissions.	<ul style="list-style-type: none"> ➤ None.
Registered User	Users with accounts. They can make purchases and can review/rate books.	<ul style="list-style-type: none"> ➤ Have to obey the rules that they agreed on User Agreement upon creating their accounts.
Admin	Manager of the website.	<ul style="list-style-type: none"> ➤ Adding categories, sub-categories, hot lists, campaigns. ➤ Adding books. ➤ Viewing product status to update and control the stocks, deleting the book which is out of stock. ➤ Viewing book orders. ➤ Managing services provided to the customers. ➤ Sending messages and/or e-mails to the customers. ➤ Getting customer details.

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		<ul style="list-style-type: none"> ➤ Managing his/her account and customer accounts. ➤ Showing advertisement to the customers depending on his/her shopping search history. ➤ Confirming the sales. ➤ Managing menus with new books added by him/her.
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3.2 User Environment

- Readably has three different users: Administrator, Registered User, Unregistered User.
- Administrator is in charge of the system and has full permission.
- Unregistered users can see all of the categories and books. They can also read comments and ratings of books. They can't make a purchase.
- Registered users should give information about themselves upon registering to the system. They can make purchases and they can mark books as favourites, see their search history, see book suggestions according to their favourites, purchase history and search history.
- Everyone with an internet connection can view the website.
- Website will be mobile compatible.

4. Product Overview

4.1 Needs and Features

Need	Priority	Features	Planned Release
Login / Logout	High	Login / Logout for admin and customer accounts.	Version 1

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Adding / Removing Categories and Books	High	Admin can modify “Categories” and “Books” list.	Version 2
Payment	High	Different payment methods are available.	Version 3
Communication	Medium	When users have a problem, they can message the maintainer of the website.	Version 2
User Agreement	High	Customer must confirm some conditions at registering.	Version 1
Shopping History	Medium	Customers can see their previous purchases and their details.	Version 3
Account Management	High	Customers and the Administrator can modify their account information.	Version 1
Shopping Cart	High	Customers can add the books that they want to purchase to their cart.	Version 2
Registering	High	Required for purchasing.	Version 1
Delivery Status	Medium	For tracking orders.	Version 3

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Rating and Comments	Low	Customer can make comments about books and also rate them.	Version 2
Cargo Tracking	Medium	For shipping tracking.	Version 3
Searching	Medium	Can be done by author, book name, ISBN number, keyword, category, hot lists, campaigns.	Version 2
Campaigns	Low	Customers are notified about campaigns.	Version 2
Suggestions	Low	System can suggest books which are related with users favourites to customers.	Version 3
Cargo Companies	High	Different companies are available.	Version 3
Confirming the Sales	High	After payment, Admin should confirm the sales.	Version 3
Best Sellers	Medium	Listing of best sellers.	Version 2

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Book Categories	High	List of categories. Consists of sub-categories and a suggestion category.	Version 2
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5. Other Product Requirements

Requirement	Priority	Planned Release
Secure Payment	High	Version 3
Easy to use	Medium	Version 1
Fast	Medium	Version 3
Child Friendly	High	Version 2
Account Privacy	High	Version 1
Accessibility	High	Version 2
Design	High	Version 1
Relevant Ads	Low	Version 3