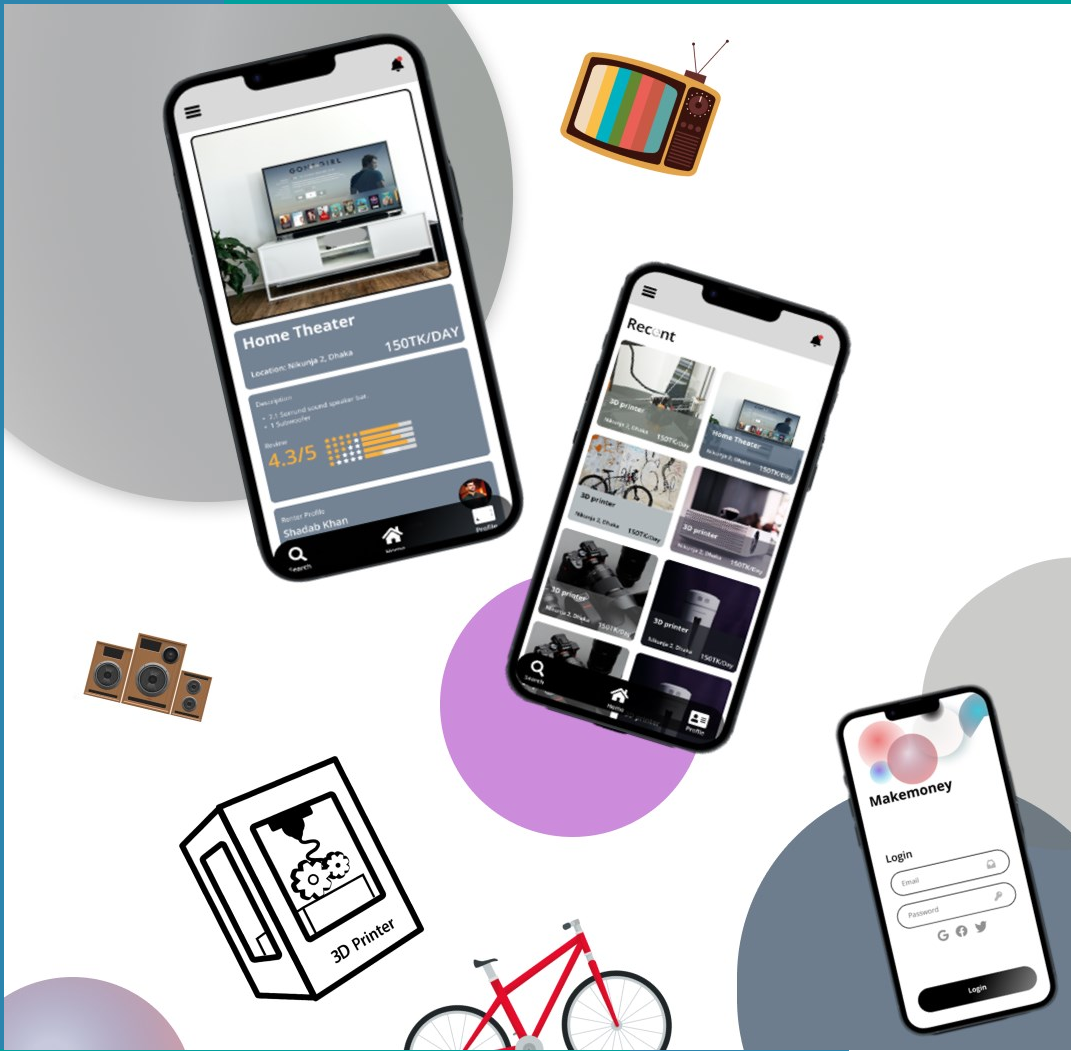


SRS Document of makemoney.com

By System86



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Outline

- What is an SRS?
- Purpose of SRS
- Content of SRS
 - Introduction
 - Overall description
 - External interface requirements
 - System features
 - Others non-functional requirements
 - Other requirements

What is an SRS?

- A software requirement specification (SRS) is a document that outlines the functions and performance standards for the software.
- It also outlines the functionality the product needs to have in order to meet the needs of both business and user stakeholders.

Purpose of SRS

- SRS used to be familiar with all the specifications for creating software, which helped in software design.
- SRS used to be familiar with all the specifications for creating software, which aided in the process of designing the software.
- SRS used to be familiar with all the specifications for creating software and was able to assist in its design.

Content of SRS (1/2)

- Introduction
 - Purpose
 - Document Convention
 - Intended Audience and Reading suggestion
 - Product Scope
 - References
 - Definitions, acronyms and abbreviation
- Overall description
 - Product perspective
 - product function
 - User classes and characteristic
 - Operating environment
 - design and implementation
 - User Documentation
 - Assumption and dependences

Content of SRS (2/2)

- External interface requirements
 - User interfaces
 - Hardware interfaces
 - Software interfaces
 - Communications Interfaces
- System features
- Others non-functional requirements
 - Performance Requirements
 - Safety Requirements
 - Security Requirements
 - Software Quality Attributes
 - Business Rules
- Other requirements

Introduction (1/2)

- Purpose
 - To enable consumers to search for the products they need from a single interface, we wish to build responsive software. Additionally, give owners and borrowers who wish to rent or buy their products a simple interface.
- Document Convention
 - In this section how the document is written the convention like font size, font family, margin and layout are discussed here.
- Intended Audience and Reading suggestion
 - User group
 - Tester
 - Marketing manager
 - Project manager

Introduction (2/2)

- Product Scope
 - Product scope identifies the characteristics and functions of a product or service
- References
- Definitions, acronyms and abbreviation

Overall Description (1/2)

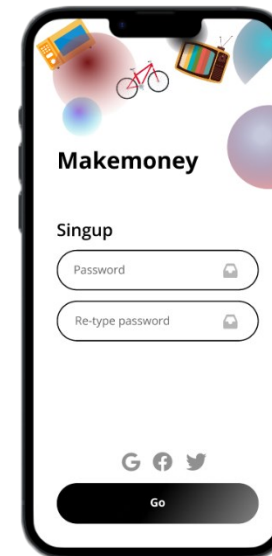
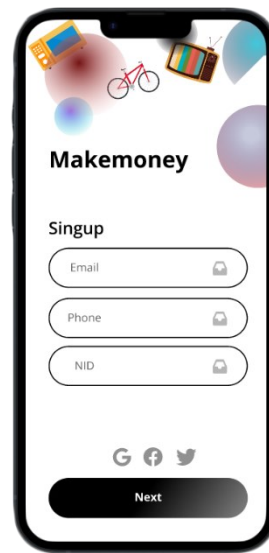
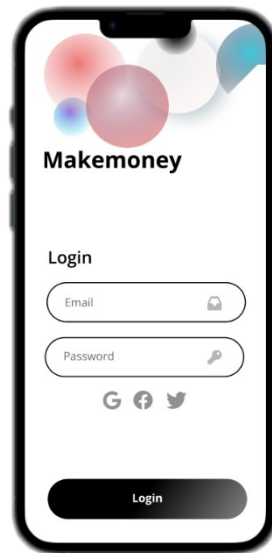
- Product perspective
 - Is the system being follow up or completely new product or not and is this will going to replace any existing system.
- Product function
 - Overall high-level function of the product
 - User registration
 - Login,
 - Profile management
- User class and characteristics
 - Customer
 - Renter
 - Admin

Overall Description (2/2)

- Operating environment
 - What is be the software operating environment such as OS version or system version
- Design and implementation and constraints.
 - Corporate or regulatory policies how the system will develop. What hardware limitations or software can occur.
- User documentation
- Assumption and dependencies
- How the system is related to third-party software or libraries.

External interface requirements (1/2)

- User interfaces
 - UI will support both English and Bengali
 - How the GUI will look like.



External interface requirements (2/2)

- Hardware interface.
 - CPU
 - Camera
 - Sensors (GPS, Proximity)
- Software interface
 - Supported Operation system, server operating system
- Communication interface.
 - How the system will communicate throughout the system or other external system.

System Features (1/2)

- Authentication and Authorization (User Registration and Login)
 - Users are authenticated by registration and authorized by login.
 - Both has high priority of 8 in a 1 to 9 scale
- Search
 - Users finds specific items through this feature
 - Medium priority of 5 in a 1 to 9 scale
- Profile Management
 - Users manages and updates their profile information through this feature.
 - High priority of 8 in a 1 to 9 scale
- Upload Product Information
 - Users who want to provide rent, can upload the item's information with pictures.
 - As a core feature, this has the highest priority of 9 in a 1 to 9 scale

System Features (2/2)

- Renting a Product
 - To rent an item, this feature is necessary.
 - Like 'Uploading Product Information' this also has highest priority of 9 in a 1 to 9 scale
- Payments
 - Another core feature is payment, which is used to pay for the rented items.
 - Highest priority of 9 in a 1 to 9 scale
- Admin Control Panel
 - Admin manages, monitors, and controls the whole system through here.
 - From adding staff to banning a user, from viewing logistics to revenue everything admin can do through his dashboard
 - This feature for admin has a high priority of 8 in a 1 to 9 scale

Other nonfunctional requirements (1/2)

- Performance Requirements
 - The system should always load in less than 0.01 seconds.
- Safety Requirement
 - Users of the system shouldn't be harmed by it.
 - Important information should also be kept in hard copy.
- Security Requirement
 - Private and crucial information relating to clients and staff must be stored in encrypted form.
 - A current version of the software for systems and stakeholders must be utilized.

Other nonfunctional requirements (2/2)

- Software Quality Attributes

- The software should be user-friendly.
- Software should have used easy interfaces.

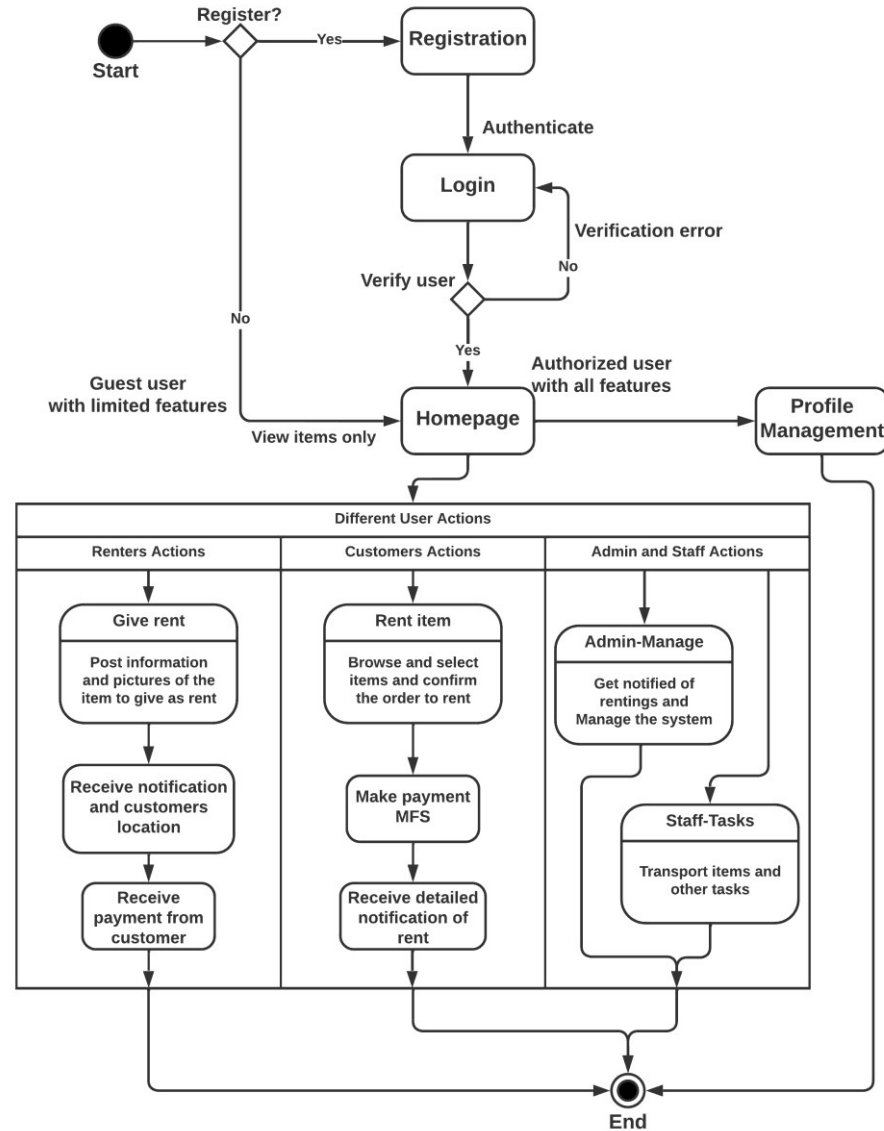
- Business Rules

- Existing business policies should be maintained properly.
- Shouldn't keep any kind of feature which can be harmful in the future.

Other Requirements (1/3)

- Database Requirement
- Object Oriented Approach
- Appendix A: Glossary
 - All the term that is necessary to explain the SRS is defined here. Including API, HTTP, HTTPS, SMTP, TDP, MFS, CRUD, OTP, NID, RAM, ROM, UI, IOS, CPU, GPS, GPU, SDK, and JDK.
- Appendix B: Analysis Model
 - A state diagram has been drawn here to express the scenario.

Other Requirements (2/3)



Other Requirements (3/3)

- Appendix C: To be Determined List
 - Here Product Backlog is given. If any adjustments needed to be made, any form of clarification that will be necessary is given in this part of the SRS.



THANK YOU

