Software Design Specification

Introduction to software
Phase 2(SRS)
(CSAI 203)

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1. Introduction

1.1 Purpose

The purpose of our project is to empower indecisive individuals by providing them with a user-friendly decision-making tool. In a world where choices abound and decision fatigue is common, our program aims to streamline the decision-making process across various aspects of daily life. By employing a simple question-based system, our program assists users in making choices related to entertainment, fashion, dining, travel, leisure activities, and more.

1.2 System Overview

This software is designed to help indecisive people decide by asking a few questions and recommending suitable programs. The system will include features to recommend movies, pick an outfit, choose a place to eat, select a travel destination, recommend a game to play, and suggest a sport to play.

2. Software Requirement specification

2.1 functional requirements

FR 1.1: The system allows the user to create an account (user registration).

FR 1.2: Manage user profile.

FR 1.3: The system gives the user multiple questions.

FR 1.4: The system gives the user multiple questions.

FR 1.5: The system allows the user to rate the application.

FR 1.6: The system offers guidance through the applications to help users how to communicate within the app.

FR 1.7: The system allows users to choose from categories ("movie, clothes, food, games, destination for travel, places"), ("category selection").
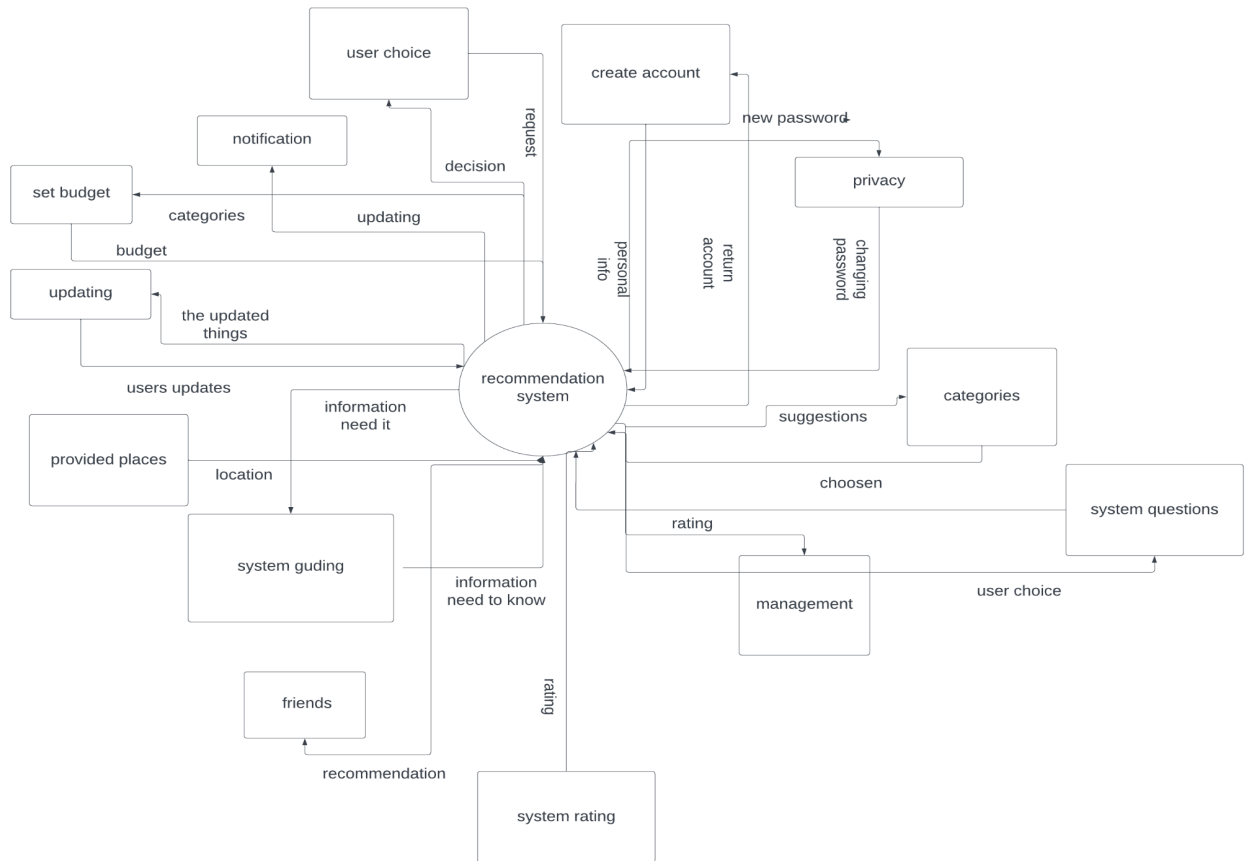
FR 1.8: The system provides us with suitable recommended things.

FR 1.9: The system provides places according to their locations.

FR 1.10: The system sends a notification to the user if there are any updates.

FR 1.11: The system takes the user rating to the management.

FR 1.12: The system allows the user to share their recommendation with their friend.

FR 1.13: The system makes the user set their budget.

FR 1.14: The system allows users to write their feedback.

FR 1.15: The system updates itself based on their feedback.

FR 1.16: The system provides outfits for the user based on the weather.

FR 1.17: The system allows the user to save their favorites and recommend them if they need them again.

FR 1.18: The system allows the user to save their favorites and recommend them if they need them again.

FR 1.19: The system provides links for recommended movies, songs.

FR 1.20: 1) The system privacy user can change his password.

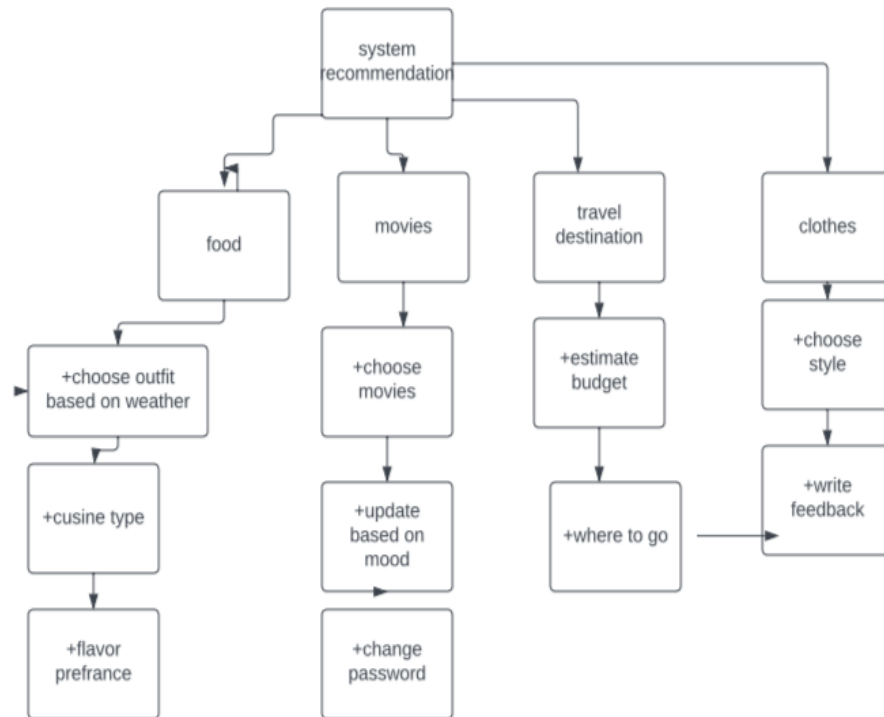## 2.2 Non-functional requirements

NFR 1.1: the system will have a user-friendly design so it will be simple and clear to make the user use it simply.

NFR 1.2: the system has a security to protect user data.

2.3 context diagram

user choice

create account

new password

notification

privacy

set budget

decision

categories

updating

budget

changing password

return account

personal info

request

updating

the updated things

recommendation system

users updates

information need it

suggestions

categories

provided places

location

choosen

system questions

rating

system guding

information need to know

management

user choice

friends

rating

recommendation

system rating

2.4 Conceptual Diagram

2.5 Use case diagram