COE 420 - Project Idea

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# Requirements (What does it do)

* Provides ticket prices for a particular country based on ***personalized preferences.***
* Allows the ***user*** to customize their ***vacation plans and destinations.***
* ***Displays price variations*** over a period of time to give an ***overview of the price flow***.
* ***Suggests and recommends*** flights across multiple airlines based on the current monthly scope.

# Features (Elements - How are functions delivered?)

* Ticket prices are displayed using ***lists of multiple vendors.***
* Personal preferences are shown on a separate ***Personal Settings menu***.
* Price variations are displayed in ***graphs & charts***.
* Suggestions are presented on the ***main page*** (can be expanded on a separate page to list more suggestions or details).
* List of countries are displayed in a navigation menu.

# Specifications (Technical details – How we plan to do it)

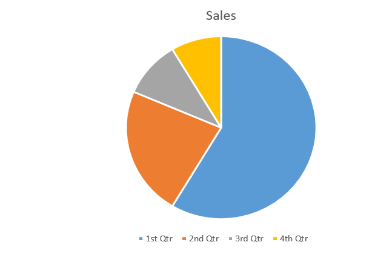
* User schedules are saved in an online ***user account*** ***database***.
* Ticket prices are fetched from an ***airline database.***
* The user picks their vacation dates from a ***calendar*** element and sets their destinations from a ***list menu*** (The user can also search destinations).
* Suggestions are ***collated in a separate database*** table linked to each user. These suggestions are ***analyzed in the app*** and then stored in the database. They are fetched whenever needed (to support multiple devices).

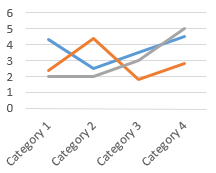
# Illustrations

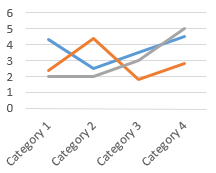
Recommendations

Ticket Price Overview

Ticket Price Overview







Recommendations