California State University Fullerton

CPSC 462



Object Oriented Software Design

General Domain Rules

for the



Tuffy Flights

System

|  |  |  |
| --- | --- | --- |
| **Nathan Marcos** | **Jared Castaneda** | **Jawad Swed** |
| Design Modeling, Implementation | Project Management, Implementation | Business Modeling, Design Modeling |
| [nathanmarcos@csu.fullerton.edu](mailto:nathanmarcos@csu.fullerton.edu) | [jaredcast@csu.fullerton.edu](mailto:jaredcast@csu.fullerton.edu) | [jawadswed@csu.fullerton.edu](mailto:jawadswed@csu.fullerton.edu) |

Revision History:

| Version | Date | Summary of Changes | Author |
| --- | --- | --- | --- |
| 1.0 | 9/14/2020 | * Initial Release | Nathan Marcos  Jared Castaneda  Jawad Swed |
| 2.0 | 11/8/2020 | * Edited various rules from inception phase | Jared Castaneda |
| 3.0 | 12/7/2020 | * Edited roles |  |

Table of Contents

[1 Domain (Business) Rules 1](#_Toc50220800)

# Domain (Business) Rules

| ID | Rule (Requirement) | Changeability | Source |
| --- | --- | --- | --- |
| RULE1 | Sales tax must be included in each purchase based on government policy. | High – governments often change tax laws. | Law |
| RULE2 | Credit card payment returns shall only be paid as credit to the customer’s credit account. | Low | Credit Card Company policy |
| RULE3 | Customers shall only receive flight ticket and hotel reservation refunds if canceled 24 hours ahead. | Medium – serious reasons, such as medical, may allow payment waiver. | Airline and hotel policy |
| RULE4 | Passwords shall expire after one year from last change. | Medium – customers can change their password more than once annually as need. | Tuffy Flights policy |