Project Plan

Version 1	Initial Version
Version 2	-Better phasing -Improved the problem description
Version 3	Updated the whole document for the present project details
Version 3.5	Added Problem description and Project Goal. Added the Content page.

Contents:

Brand Name:

RIZZ AIR

Participants: Bogdan-Andrei Andreescu

Client: Jacob

Founder, co-founder, investor, entrepreneur, software engineer, Ceo: Bogdan-Andrei Andreescu

Contact information:

Current situation:

Aviation it has been the pinnacle of transportation around the world. Until now, you could fly in ultimate luxury only from major cities such as London, Dubai and Los Angeles. This situation will change because there is a new competitor and that is RIZZ AIR. Based in Bucharest, it is the first luxury based aircraft company in the Balkan region and it will compete with the likes of Emirates, Qatar Airways and Turkish Airline. Using the web app, users will be able to choose any of the many variations of flights departing from Bucharest and choose an aircraft to get to that destination with the help of our many experienced pilots. Moreover, clients that have a helicopter pilot license, have the opportunity to rent one using our website.

Problem description:

Since the era of aviation has started, the world became more connected. There are opportunities everywhere to get a cheap flight but what about the best experience in aviation? There is no way at the moment to fly from the east of Europe using a private jet or a helicopter and to have the best experience that aviation can give you. That is where Rizz-Air comes into play starting with Bucharest as the middle of the operations.

Project goal:

Rizz-Air aims to let people have a way to fly in utter luxury from Bucharest to the many destinations that we have to offer. We will have aircrafts such as Private Jets and Helicopters from which they could choose to have as a mean of transport to their desired destination. They can choose to be flown there with a plethora of pilots that we have employed, or if they have the license to, they can rent a helicopter for a period of time and fly themselves to the destination.

Deliverables:

Must have:

- Login system
- Users being able to buy tickets for a flight
- Admin is able to add or delete employees and aircrafts
- Users will be able to choose a destination and after that, choose an aircraft that they want to travel to that destination to, making this a request.
- Managers inside the forms app would be able to accept requests and manage the rents that were created.

Should have:

- Users will be able to rent their own aircraft for a particular period of time
- Schedule system for employees

Could have:

- Search system for destinations or aircrafts
- Recommend flights based on the wallet balance or a specified amount of money.
- Aircraft maintenance system

Wont have:

- Chat system
- Subscriptions
- Fully working purchase system

Non-deliverables:

- Phone app

Constraints:

- Technical constraints
- Usability constraints (Application must be easy to use for the staff and users)
- Time constraints (Project must be completed before the last deadline)
- Application should be done with .NET Core
- The data should be stored in MSSQL database

Phasing:

Phase 1: Planning Week 1-Week 3

- Brainstorming
- UML class diagram
- Wireframes
- Project Plan

Phase 2: Design Week 4 – Week 6

- Starting the development for back end of the web application
- Starting the development for the back end of desktop application
- Starting database development
- Update documentation

Phase 3: Development Week 7 – Week 9

- Employee CRUD
- Destinations CRUD
- URS

Phase 5: Development Week 10 – Week 13

- Aircraft CRUD
- User CRUD
- Login system

Phase 6: Testing and bug fixing Week 14 – Week 16

- Testing report
- Debugging