Functional Requirements

1. SpaceTrip is an adventure company taking booking for space tourism for interested people
2. Users who wish to apply, visits the SpaceTrip website, and can Launch a Application form (Approx. 10 to 12 Fields of which 8-9 Fields should be mandatory and others optional) by providing personal, Health details and why they are interested in the trip.
3. User should be able to save the application in the interim (not necessarily submit) and after filling all details should be able to Submit the file.
   a. Once the save option is clicked the data can be stored on the browser temporarily and the next time when the user visits the page, the details should be pre-filled
   b. Once the file is submitted after filling all the required information the same to be updated in the database
4. Choice of trip year to be requested to the user.   2025, 2027, 2029, 2031
5. Waiting list number should the format ST-YYYY-XXX (running serial number based on year)
6. A user can make the booking only once and identified using his/her email id
7. All submitted requests should be listed as a simple report

Technical Requirements:

- **JS Full Stack** - Developers can use MERN or MEAN stack of their choice to develop the above case study

(Or)

- **.Net Full Stack** - Developers can use MVC .Net / Web API / MS-SQL to develop the above case study

Deliverables:

- Wireframe using Balsamiq
- Database Schema Design (Mongo / MS-SQL)
- Application Source Code (MEAN / MERN / DotNet)
- Code Check-in in GitHub
- Auto Deployment in Heroku or https://freeasphosting.net/ or similar **(Optional Add On)**