General requirements

Requirements for submitting a solution:

1. Presentation
2. Video with a demonstration of the solution

The structure of the presentation should contain:

- Title slide with the name of the team (1 slide)
- Executive Summary - brief conclusions and recommendations on the case problem (1 slide). NOTE: on this slide you should attach a link to github with your solution
- Main Block (no limit on the number of slides)
    - Basic idea and implementation of the solution
    - pros and cons of the solution
- Video demonstration of the solution
- Information about team members (1 slide for the whole team)
- * Appendices (no limit on the number of slides)

Structure and requirements for the video:

- Structure - free
- Duration - 2 minutes

Pitching information:

- Defence of the idea - by presentation (3 minutes)
- Demonstration of the solution - via video (2 minutes)
- Q&A from the company (3 minutes)

Link to solution submission: https://forms.gle/QgftRUVMxRGWdpp38

Task 1: Inclusive Ride-Hailing for Individuals with Disabilities

Overview

The objective is to develop a Minimum Viable Product (MVP) that enhances ride-hailing services for individuals with disabilities. The MVP should focus on breaking down transportation barriers and promoting accessibility, making ride-hailing comfortable and inclusive.

MVP Solution Requirements

1. **Accessibility Features:** Incorporate features that cater to a range of disabilities (e.g., mobility, visual, auditory). This could include voice commands, screen readers, wheelchair accessibility options, etc.
2. **User Interface (UI):** Design an intuitive and accessible UI for both web and mobile platforms. The UI should be easy to navigate for individuals with various disabilities.
3. **Customizable Ride Options:** Allow customers to specify their unique requirements (e.g., vehicle type, assistance needed) during the booking process.
4. **Implementation of Your Own Ideas:** Feel free to brainstorm, collaborate, and bring your creative solutions. **You can implement any idea you want.**

Expected Solution Submission

- A working MVP that demonstrates core functionalities of ride booking and driver-customer interaction.

Technology Stack

1. **Open Technology Stack:** Participants are free to use any technology stack they are comfortable with.
2. **Backend and DBMS:** There are no specific requirements for backend languages or database management systems (e.g., Python + PostgreSQL, C# + MSSQL).
3. **Frontend Development:** Options include web applications, mobile applications, or desktop applications. Cross-platform development is encouraged for broader accessibility. Your work should correspond to the InDrive brandbook.

Role Specifications

1. Disabled Customer with Specific Needs

- Booking Interface: An accessible interface for booking rides, with options to specify unique requirements.

- Implementation of Your Own Ideas: Feel free to brainstorm, collaborate, and bring your creative solutions. **You can implement any idea you want**

2. Cab Driver

- Ride Requests: Receive notifications of ride requests with details about the customer's specific needs.
- Implementation of Your Own Ideas: Feel free to brainstorm, collaborate, and bring your creative solutions. **You can implement any idea you want**

Task 2: Redefining the Ideal Ride-Hailing Service

Objective

To innovate and develop a Minimum Viable Product (MVP) for a ride-hailing service that addresses the current gaps in city rides, intercity travel, and goods delivery services, enhancing overall accessibility and user experience.

Target Areas for Innovation

1. **City Rides** - Focusing on efficiency, safety, and eco-friendliness.
2. **Intercity Travel** - Improving comfort, booking convenience, and real-time tracking.
3. **Goods Delivery Services** - Enhancing speed, tracking, and handling of goods.

MVP Solution Requirements

1. **Ride Booking and Management**
    a. Facility for customers to book, cancel, and modify rides.
    b. Options for different vehicle types and services (e.g., solo, carpool, luxury, goods delivery).
2. **Safety and Accessibility Features**
    a. SOS button and emergency contact integration for both drivers and customers.
3. **Feedback and Rating System**
    a. Platform for customers to rate their ride and provide feedback.
    b. System for drivers to review customer behavior.
4. **Implementation of Your Own Ideas:** Feel free to brainstorm, collaborate, and bring your creative solutions. **You can implement any idea you want.**

Expected Solution Submission

- A working MVP that demonstrates core functionalities of ride booking and driver-customer interaction.

Technology Stack

1. **Open Technology Stack:** Participants are free to use any technology stack they are comfortable with.
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Role Specifications

1. Passenger

- User Interface Design:
    - A user-friendly app interface for both customers and drivers.
    - Easy-to-navigate menus for booking rides or scheduling deliveries.
- Implementation of Your Own Ideas: Feel free to brainstorm, collaborate, and bring your creative solutions. **You can implement any idea you want.**

2. Cab Driver

- Driver Interface Design:
    - Dashboard for ride acceptance, history, and earnings.
    - Notifications for ride requests and cancellations.
- Implementation of Your Own Ideas: Feel free to brainstorm, collaborate, and bring your creative solutions. **You can implement any idea you want.**