The challenge is to design a Sharing Mobility solution for The ‘Gen-Glass’ for the year 2040.

User

What is the need?

Solution

- EXPRESSIVE STYLE
- CONNECTION
- FLEXIBLE
- AWESOME FACTOR
- SOCIAL NATIVES

- Micromobility
  - Public Transit
  - Ride Sharing

- Bicycle
- Roller skates
- Skateboard
By the year 2040, there will be an impressive growth in shared micromobility for short distance transportation. It will cater the demands of the gen class and will be easily available, breaking the monotony to create a digital era for conveying themselves.
Unit

Colour pop
Transparent
Clear & simple

Concept Ideation
Unit 1: a board for close proximity, last mile connectivity and flexibility

Unit 2: the long board for more power and range for sensation seekers and hardcore activities

Unit 3: for a different experience, campus mobility, interior exploration and having fun with friends

Personalized screen, (phone access)

1937 vw logo inspired wheel design
The Tech

1. Hand Gestures signals the sensors present in the sticker to Maneuver the unit.

2. Attached in the similar way as the unit 3 with magnetic alignment for precise connection.

3. Unit 2 can be attached/detached as per the no. of users/power requirement/choice of travel experience.

- A disposable sticker embedded with sensors.
- Adjustable stepper.

1. Air charging by magnetic resonance.
2. Battery acts as a receiver and charger as a source tuned to a same electromagnetic frequency. When Aligned, charges without any physical contact.

1. One wheel remains inactive/low rotation compared to the rest, making it act as a pivot for turning the unit.

Ball locking mechanism for connecting two male and female links. A single couple is able to withstand load[structural] upto 1 tonne.
The Story

1. Footpaths having the units already charged up and ready to go.

2. Simple to use, just step on and the self-balancing tech helps you get along quickly with the unit.

3. The ability to carry a unit easily makes it convenient for multimodal trips.

4. "Uniteers" could take advantage of underutilized sidewalks that connect destinations too far apart for walking.

5. Easy to carry a unit onto a transit vehicle or car.

6. Unit 2,3 can be shared with others as unit 1.

Metro tram/subway equipped with magnetic resonance chargers.

Unit comes with a disposable sticker tech which helps in maneuvering the units.
2 kWh Graphene battery can deliver up to 35-45 km min range for a single unit.
Graphene is more safe, light, slimmer with high capacity and fast charging, etc.

Two controller boards placed in the board which monitor and become the brains and muscle of the unit.

1000 watt motor capable of delivering a speed of 30 kmph
Units for fun