

# AUTOCART2021 ©

## AUTOCART2021 © Meeting Minutes

Attendees: J. Ajdenbaum (Student), T. Auguste (Student), V. Bakache (Student), A. Boitreaud (Student), A. Coutaux (Student), G. Capitan (Speaker), B. Cagnol (Teacher\*)

Meeting summary:

- I. 9:30 – 9:32 Greetings, introducing today's topics, general remarks on previous speeches.
- II. 9:32 – 10:00 Students present their ideas, discussions with Ms. Cagnol and other students
- III. 10:00 – 10:02 My 2-minute pitch on AUTOCART2021 © (Guillaume CAPITAN).
- IV. 10:02 – 10:10 No discussion to let last remaining students present, as time is running out before next session with other students.

### Main arguments presented for the AUTOCART2021 ©

- Elderly people wish to stay as autonomous as possible.
- Heavy carts are hard to control for everyone, this patent would help reducing the number of cart collision.
- Pushing heavy carts can damage already weak bones.

### Reactions to the AUTOCART2021 © introduction pitch

- Does it work like a golf cart somewhat? It looks pretty similar...  
Answer: no, it is supposed to **help** the elderly in their shopping, not replace them. They want to *remain autonomous*. So it will just facilitate turning and pushing/pulling movements.
- Good idea, although patents must exist already.

### Agenda

Step 1: Contact Walmart about their fully-motorized shopping robots [prototypes] and its possible implementation.

Step 2: Compare the storage capacities of various shopping carts (and see if the Amazon Go carts are really worth the loss of space).

Step 3: Get more data on existing motorized carts (power, liability, cost, ...)

