



10.300 students

5.800 staff



It doesn't seem feasible!

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Survey on DTU students (15 participants):

→ 46,7 % consider using a shuttle (40% don't know)

→ Even bike user are interested to travel around the campus

# What are we proposing?

- An IT solution supported by a mobile App.
  - Plan journey from/to anywhere in DTU campus
  - Book a place in a shuttle
  - Optimisation of routes planning

# What are we proposing?

- An IT solution supported by a mobile App.
  - Plan journey from/to anywhere in DTU campus
  - Book a place in a shuttle
  - Optimisation of routes planning
- A prioritisation scheme to ensure that we cover the first and last-mile of the users with higher needs in priority.

# Prioritisation scheme

## Group 1

- Users with disabilities
- Long walking distances



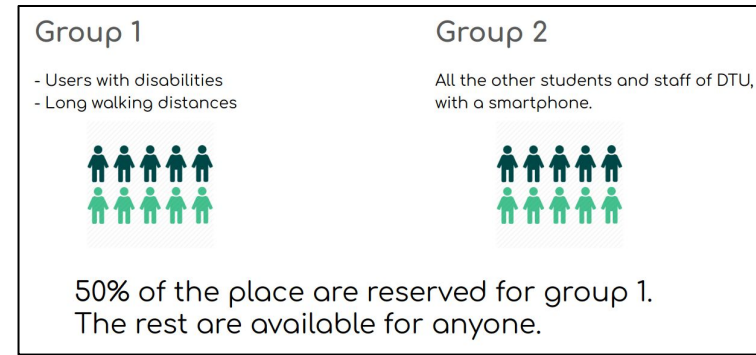
## Group 2

All the other students and staff of DTU



50% of the shuttle's place are reserved for group 1. The rest are available for everyone.

# Prioritisation scheme Validation



Survey (15 participants)

- 86 % think that prioritise Group 1 is fair
- more than 90 % think that at least 50% of the shuttle's place should be reserved for Group 1.

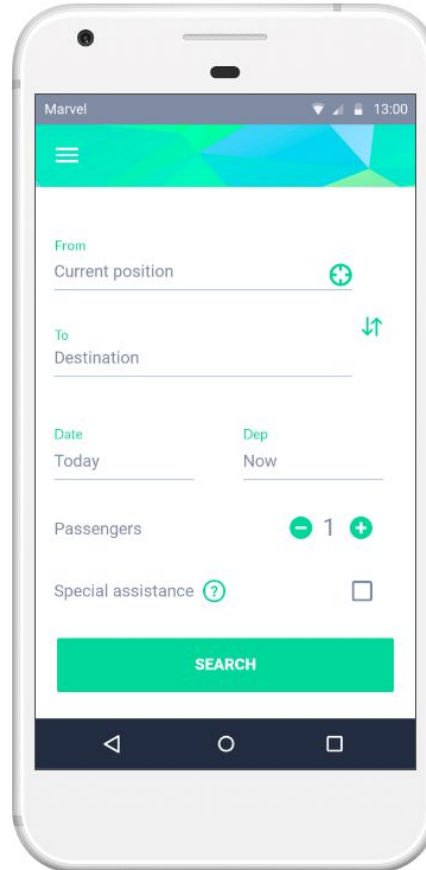
How does it work?



# 1 / Define your journey

From your starting  
point to your final  
destination

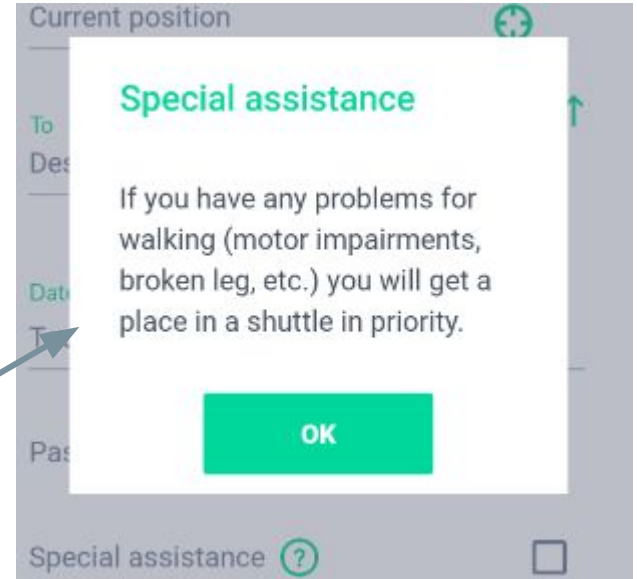
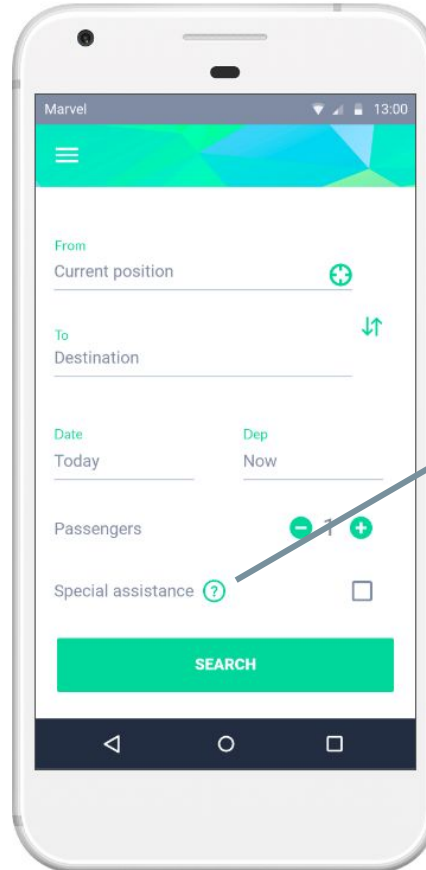
You search for the  
whole journey  
*(not only in DTU)*



# 1 / Define your journey

Thinking aloud:

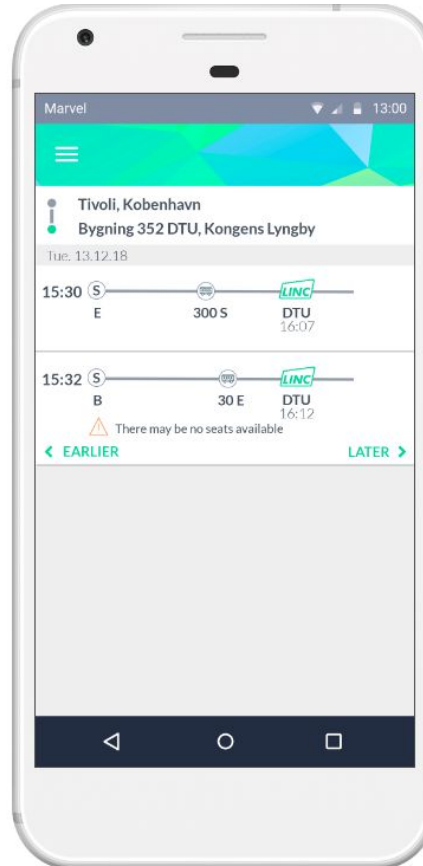
“What is special assistance?”



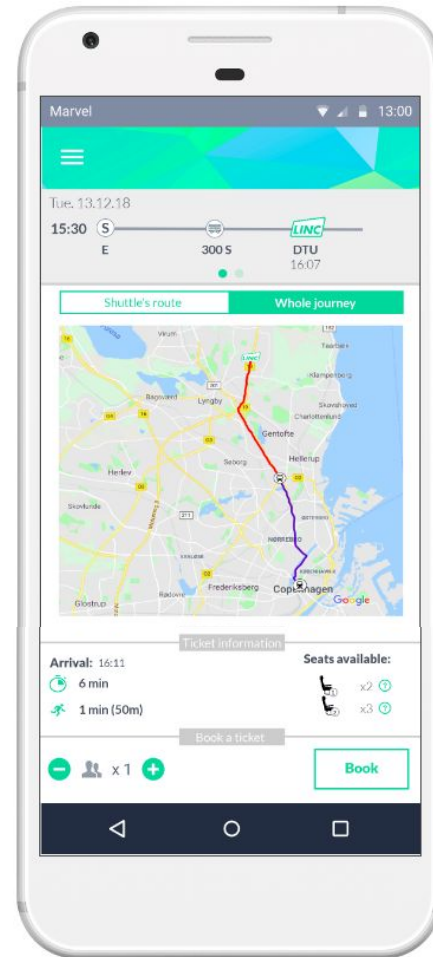
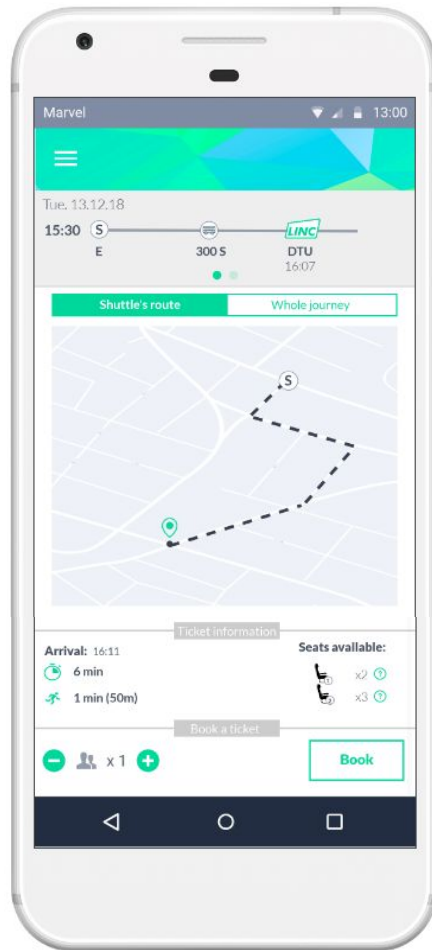
## 2 / Select your journey

Get different options

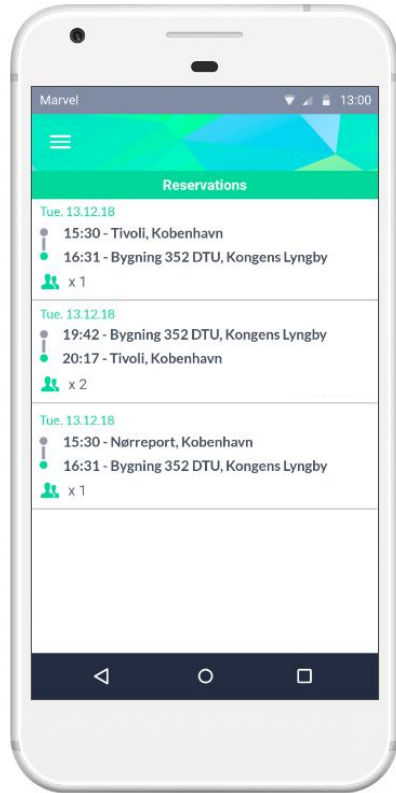
Choose your preferred one.



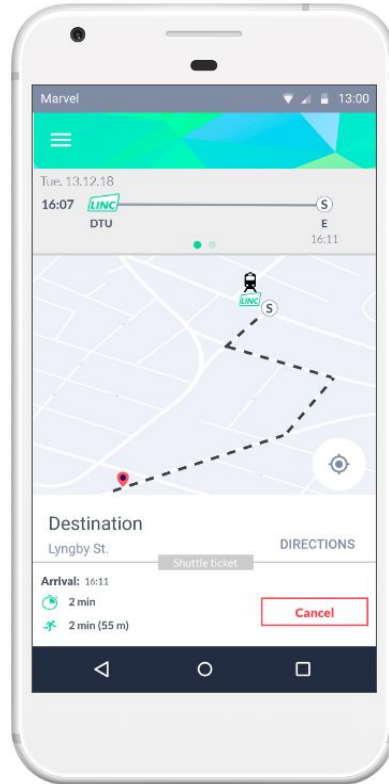
### 3 / Visualize it → book a place



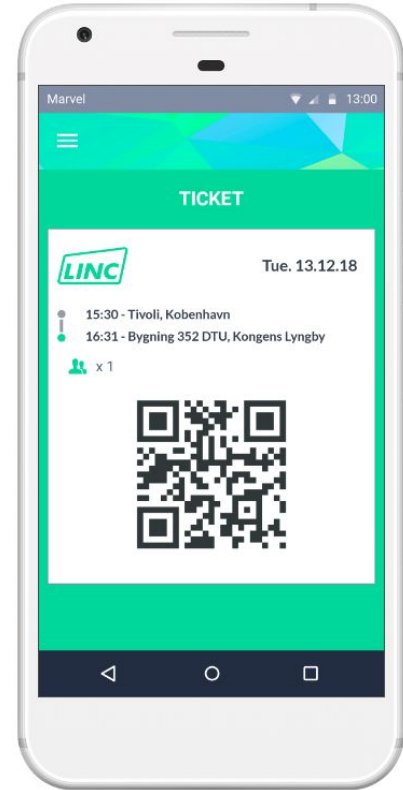
## 4 / Manage your journey



Reservations list



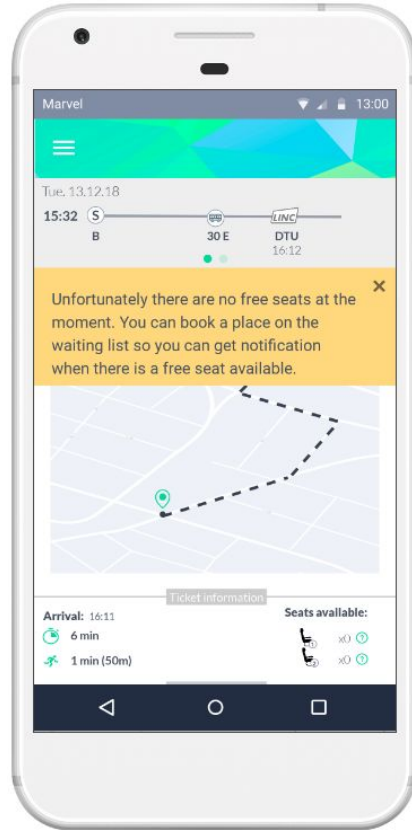
Journey summary



Ticket

Well, but what if the  
shuttle is full ?

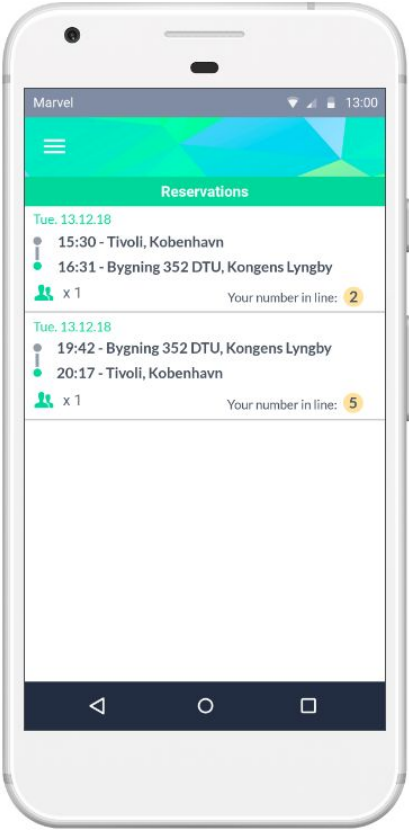
## Knowing that no place are available



Important for the user:

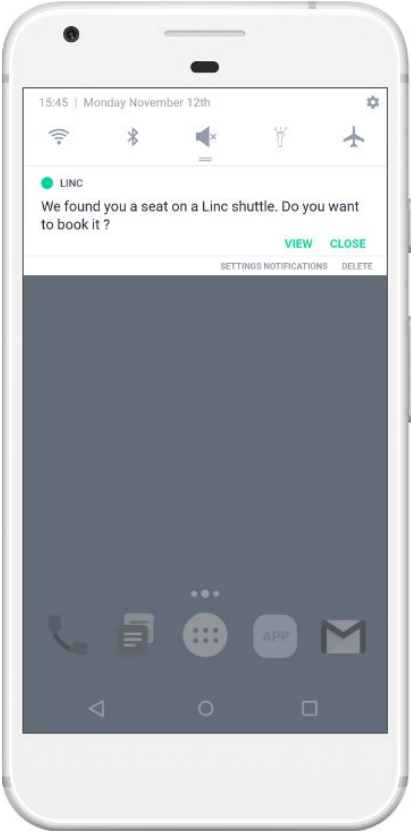
- Knowing as soon as possible that no place are available.
- Do not highlight "Waiting list"

# Visualize your reservations

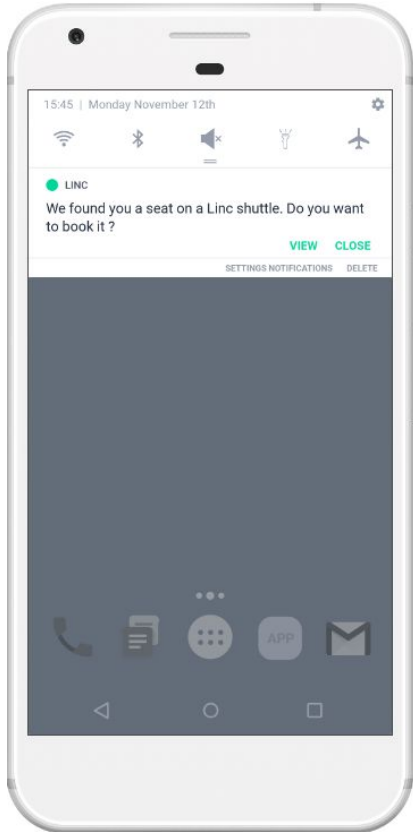




# Get notified when a seat is available



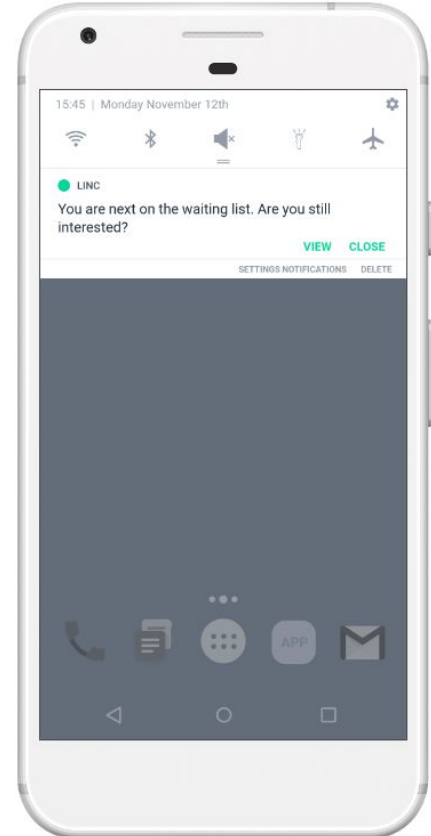
## Get notified when a seat is available



### Validation:

- Some people want to get notified even if it's 1 minutes before the departure.
- But some want to know at least 30 minutes before

30 minutes before departure



Thank you for listening!