

Assignment 4

1: Writing your problem definition

Who has the problem?

- * The problem exists for people with a...
 - * ... long commute (more than 1 hour)
 - * ... early start of the day (before 9 am)
- * Differences between users;
 - * Home early/late, more/less time to prepare
 - * Extra activities (sports training)
 - * Conflicting night rhythm, less sleep
 - * Job managing others, needs more concentration
 - * e.g. teacher, manager

What are relevant context factors?

- * Work is important.
- * Being late is unacceptable.
- * Everyone leaves for work around the same time.
 - * Traffic jams.
 - * Overly crowded public transport.
- * Multiple devices available to help with preparation.
 - * e.g. smartphone, calendars, post-its
- * Morning ritual takes place at home, in the kitchen.

What is the problem?

The user has to get up early, but they might not have enough time to prepare the day before.

So, they start the day thinking and worrying about their planning, and finish their preparation inbetween bites of breakfast. Because this is inefficient, they often don't finish breakfast and they feel like they're in a hurry.

Especially because they still have to fight traffic.

What side effects need to be avoided?

- * Stress shouldn't be moved to evening before.
- * Relaxation is important.
- * Should not take extra time.
- * Time is precious.
- * Shouldn't cut into sleep.

Which actions are admissible?

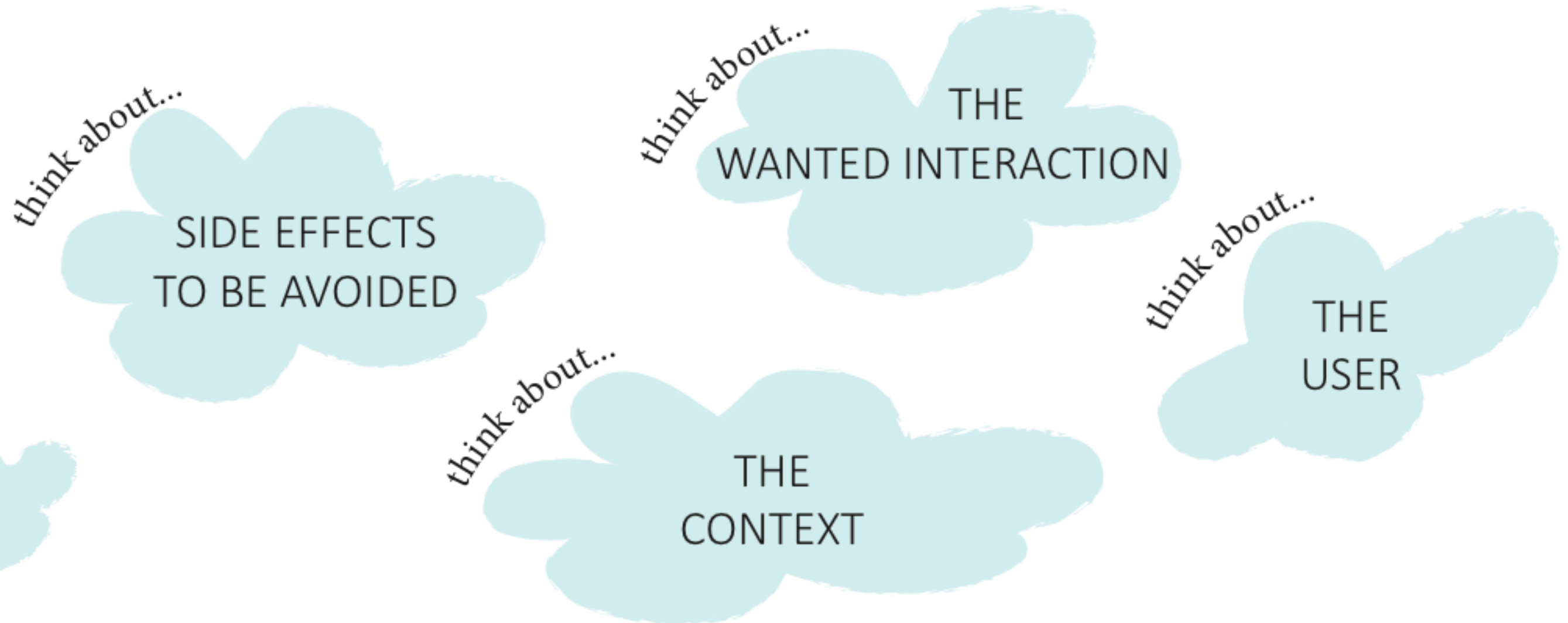
What are the constraints that you need to work within?

- * Breakfast is a must...
 - * ... don't skip.
 - * ... don't move to commute (bothers others, unsafe in car)
- * Preparation has to be completed.
 - * May be compacted, though.

2: Formulating a design challenge

“ I want
.....
early commuters
(target users)
to
feel *structured* and *relaxed*.....
(effect you want to accomplish)
being able to finish breakfast and
leave home *unhurried*
because
being *unstressed* allows them.....
(reason(s) why this effect is relevant for your user in this context)
to eat better and be more *healthy*
and feel better about work,
giving them more *satisfaction* ”

3: Writing a preliminary list of requirements



Preliminary requirements

- * simple
- * easy
 - * small mental effort
- * should take little time
- * has to be structured
 - * should give guidance
- * has to feel pleasant
- * has to feel complete
 - * user has to prepare properly
- * breakfast should be emphasized
 - * health is important
- * should be reused
- * has to feel refreshing
 - * happy start of the morning