



PLANT

B U D D Y

- k n o w y o u r b u d s -

01. Study Results

Plant Buddy

- Participants
- Study design

Participants

N = 5

2 female, 3 male

23-25 years

Study Design

Ask users about their knowledge of the nettle

Let them play the game with the goal to find the nettle (continuous movement)

Let them try the snap movement

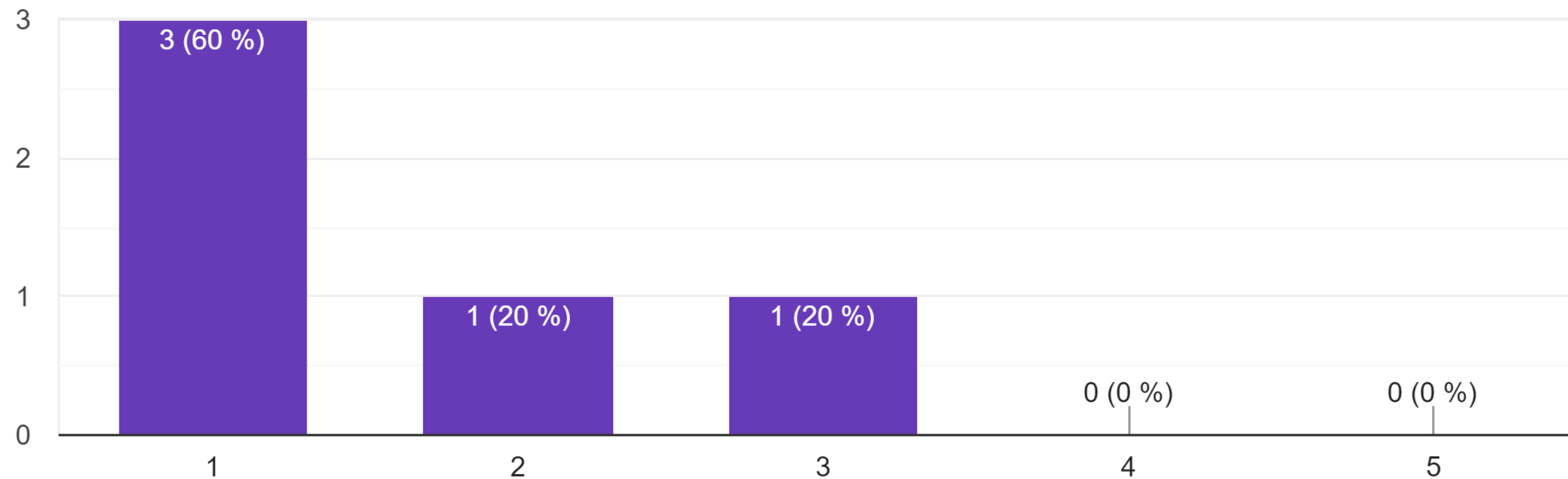
Test the knowledge again

General questions

Knowledge about Nettle

First a general question. On a scale from 1 to 5, how much do you know about plants, which can grow in Germany?

5 Antworten



Knowledge about Nettle

Look of a nettle

2 answers, which described it perfectly

Rest was unsure:

Green (1)

Colorful (1)

Rose plant (1)

Herbs (1)

Knowledge about Nettle

Look of a nettle

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Rest was unsure:

Green (1)

Colorful (1)

Rose plant (1)

Herbs (1)

Improvement

After the study, 2 more participants could now tell how a nettle looks like

Knowledge about Nettle

Effects of a nettle

They cause itching (2)

Medical purposes

You can make tea out of them

→ Overall very vague knowledge

Knowledge about Nettle

Effects of a nettle

They cause itching (2)

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Improvements

After the study, every participants could at least tell two effects of the nettle (other than the itching) up to a maximum of four

Knowledge about Nettle

Latin name

No participant knew it, but sadly also noone remembered it

→ Make it more prominent in our plant popup

Takeaways for our Overlays

Introduction should have more pictures and less text

Increase the font size, because not everyone might stand directly in front of the overlay

But the end screen and the plant popup were liked by everyone

➔ Good and helpful description

➔ Nice design

Takeaways for our game in general

All of the participants preferred continuous movement over snap turn and teleportation movement

3 participants mentioned that the movement feels too fast and it makes them dizzy

The time to find the plant was perfect (all participants found it neither too long or too short)

Our particle effect to indicate plants looked like smoke, we might change it

We should place more plants together, so it looks more natural

THANK
YOU