

Magic Leap One testplan

Test plan 2
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Preface	2
Testing Goals	2
Methods	2
Requirements	3
Location	3
Participants	3
Test 1	4
Questionnaire 1	4
User test – Recreate the scene	5
Questionnaire 2 – General Thoughts	6
Test 2	7
Questionnaire 1	7
User test – Recreate the scene	8
Questionnaire 2 – General Thoughts	9
Test 3	10
Questionnaire 1	10
User test – Recreate the scene	11
Questionnaire 2 – General Thoughts	12
Test 4	13
Questionnaire 1	13
User test – Recreate the scene	14
Questionnaire 2 – General Thoughts	15
Test 5	16
Questionnaire 1	16
User test – Recreate the scene	17
Questionnaire 2 – General Thoughts	18
Test 6	19
Questionnaire 1	19
User test – Recreate the scene	20
Questionnaire 2 – General Thoughts	21

Preface

The goal of this document is to explain the requirements and goals of testing the second Magic Leap One prototype made by Greenhouse Labs. The outcome of this test is needed to measure if the ways of interaction within the prototype are intuitive.

Testing Goals

There are several goals I wish to achieve by user testing the prototype:

1. **What are the first things a user does when putting on the Magic Leap?**
 - a. E.g. Is the user comfortable wearing the Magic Leap
2. **Are there any unexpected interactions with the prototype?**
3. **Is the menu intuitive, can the test person navigate easily towards the objective?**
4. **Can the test person easily recreate the given scene within a given time?**

Methods

Seeing how this user test consist of various testing goals, it's best to split the user test in multiple parts.

1. **Preparation – Lab**

For preparation, the Magic Leap should be fully charged and rebooted. This is required for every session. A printed-out picture of the scene should be laid down the table.

2. **Interview - Field**

The first part of the test will be done by filling in a questionnaire to answer general questions like age, profession and if it the first time wearing an AR wearable.

3. **Usability & Think-Aloud testing - Lab**

The actual testing of the prototype. The test person will have 10 minutes to recreate the scene. This will be timed by phone. The test leader should ask the test person for feedback about what is happening.

4. **Interview - Field**

In this last part the users are asked about their opinion about the visual presentation and control of the app. This is being tested again with an interview.

Requirements

The following requirements are necessary for executing the test:

- Test person;
- Test leader;
- Magic Leap One;
- Prototype
- Video recording (test person needs to give consent)
- Laptop with this document in word open to make notes.

Location

The user tests will be performed inside Knooppunt (Labs) on the first floor of the tower inside the Greenhouse building.

A table with white surface will be prepared to test the prototype on.

Participants

Participants of this test are people who work inside Greenhouse.

Test 1

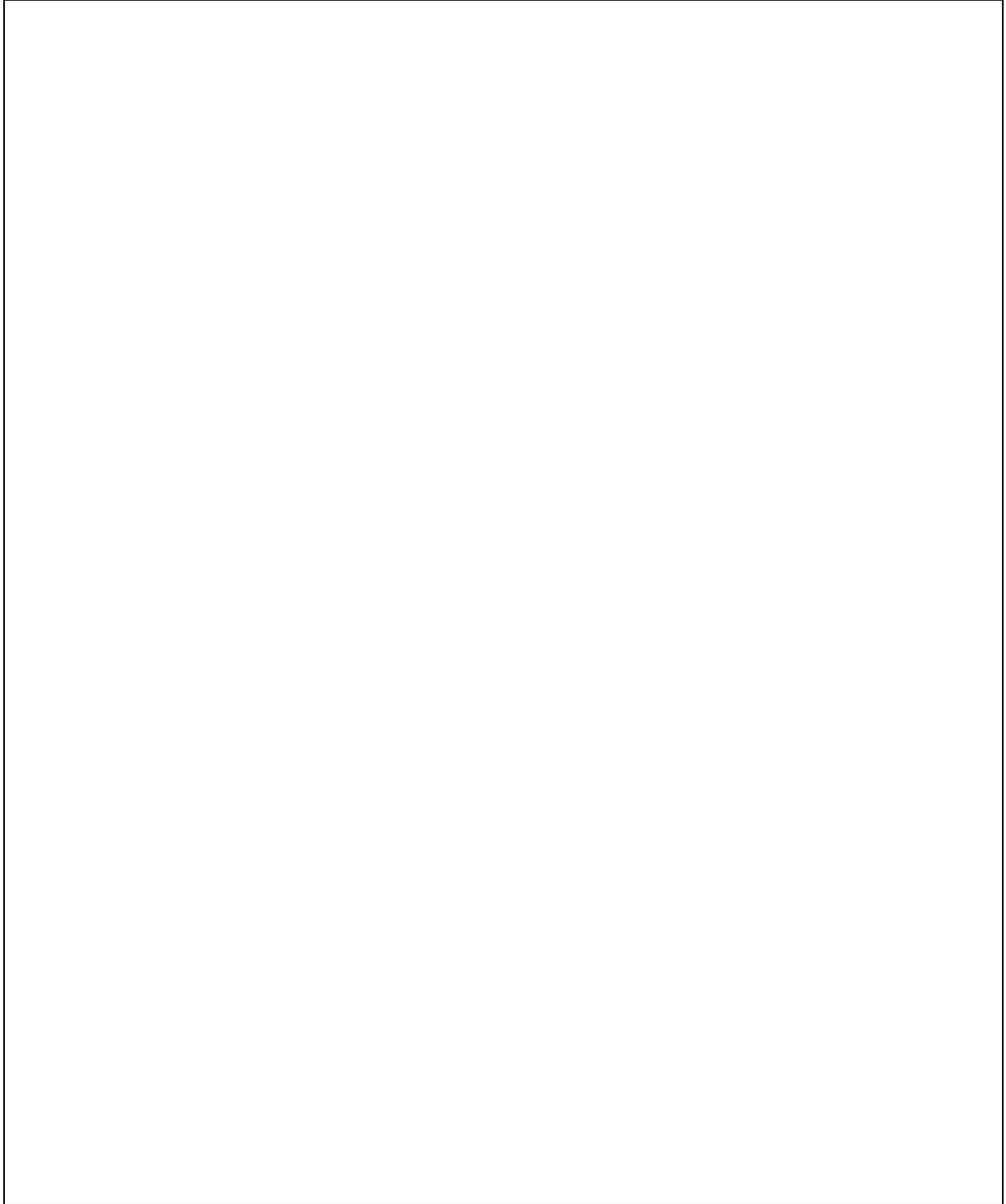
Questionnaire 1

Question	Answer
Name	
Age	
Profession	
First time using Magic Leap?	
Knowledge of AR?	

User test – Recreate the scene

At the beginning of the test, the test person will be told that we are inside a room and we want a brainstorm session. The person will be given a picture with the scene. The person will be tasked with recreating this scene. The testleader can help the person with navigation through the menus when needed.

Notes:



Questionnaire 2 – General Thoughts

Question	Answer
What were you feeling when you first started up?	
Was it clear how to get to the create scene and put out the first object?	
What is your vision on the arm mounted menu?	
Was it easy to replicate the scene?	

Test 2

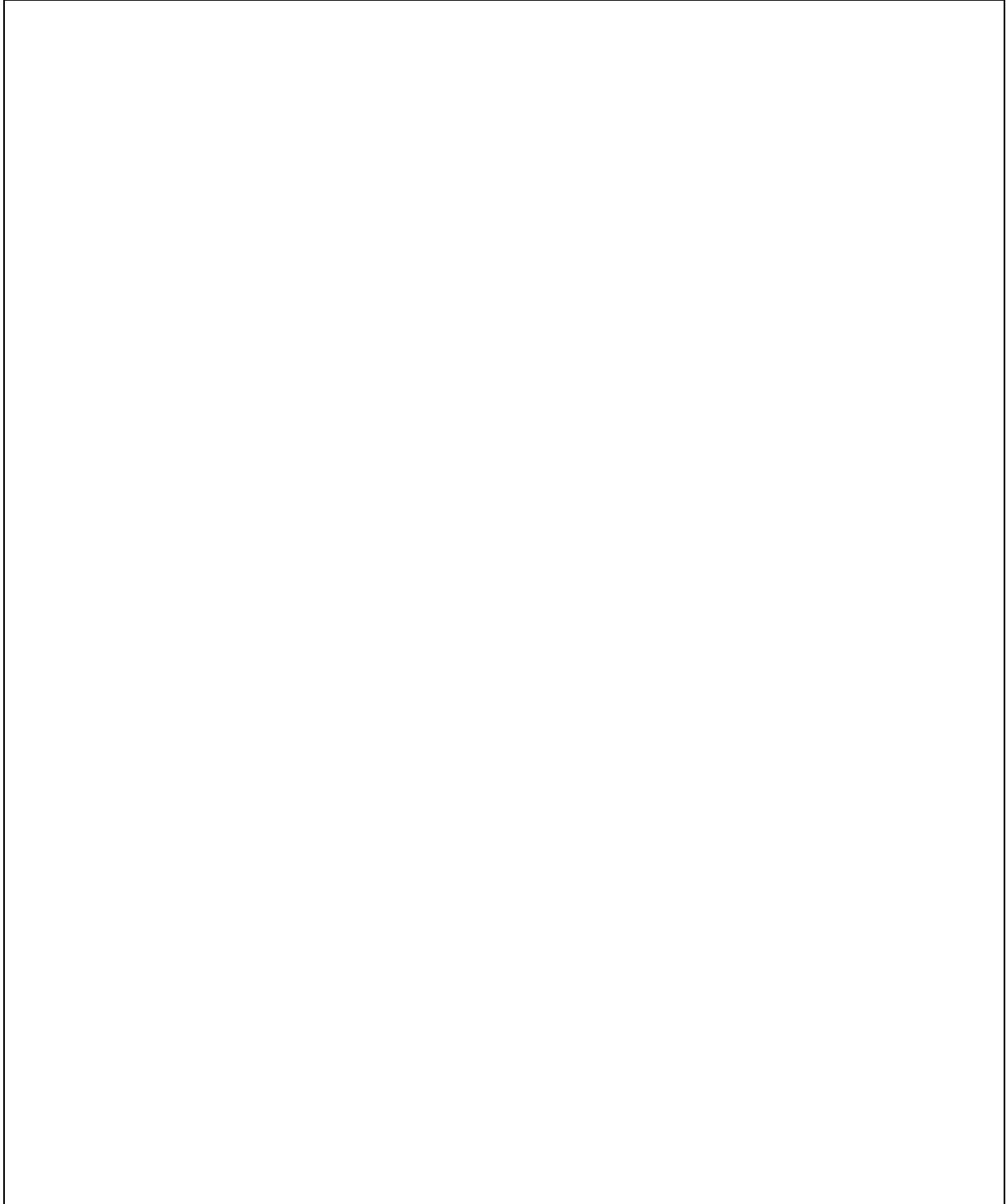
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Test 3

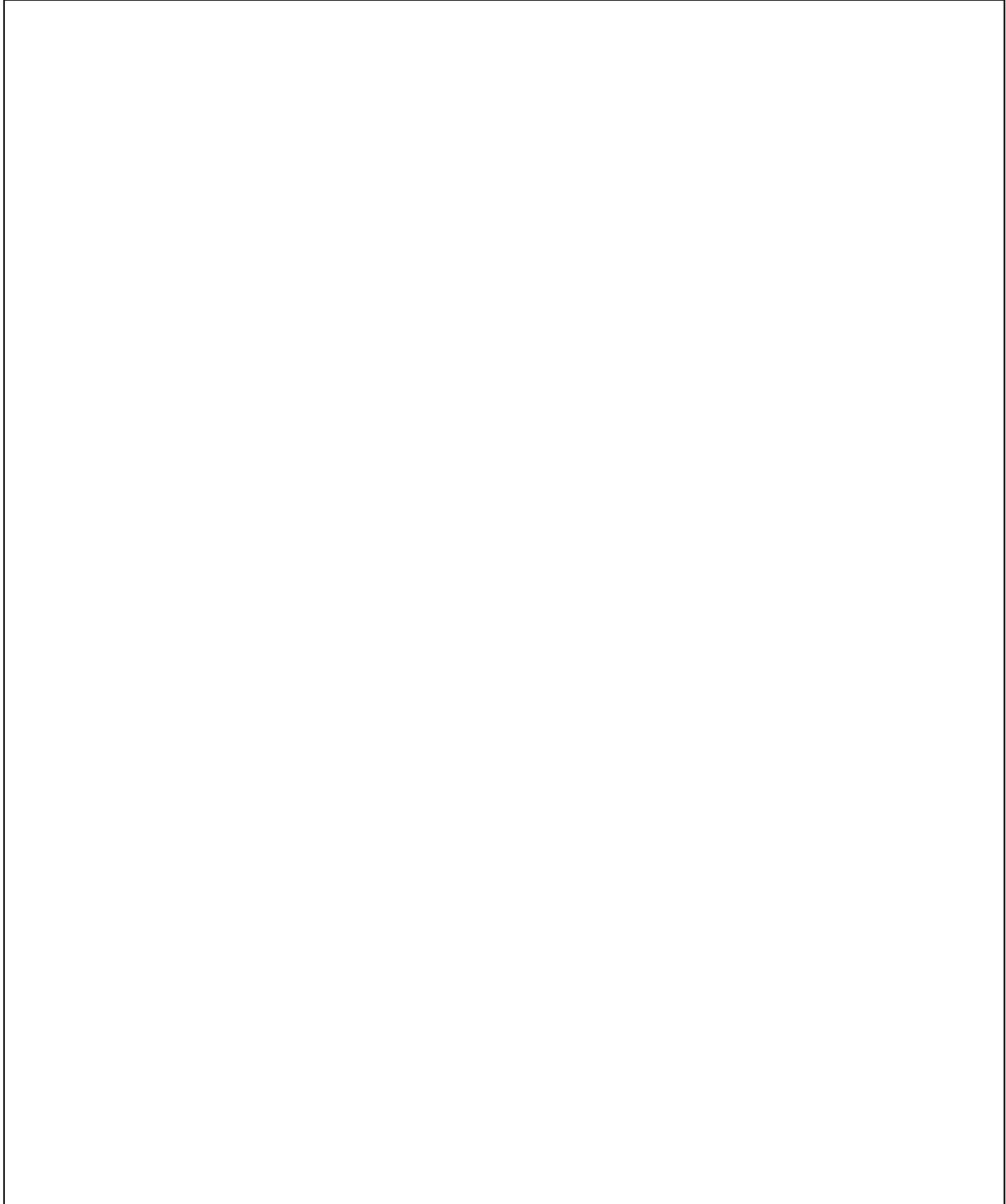
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Test 4

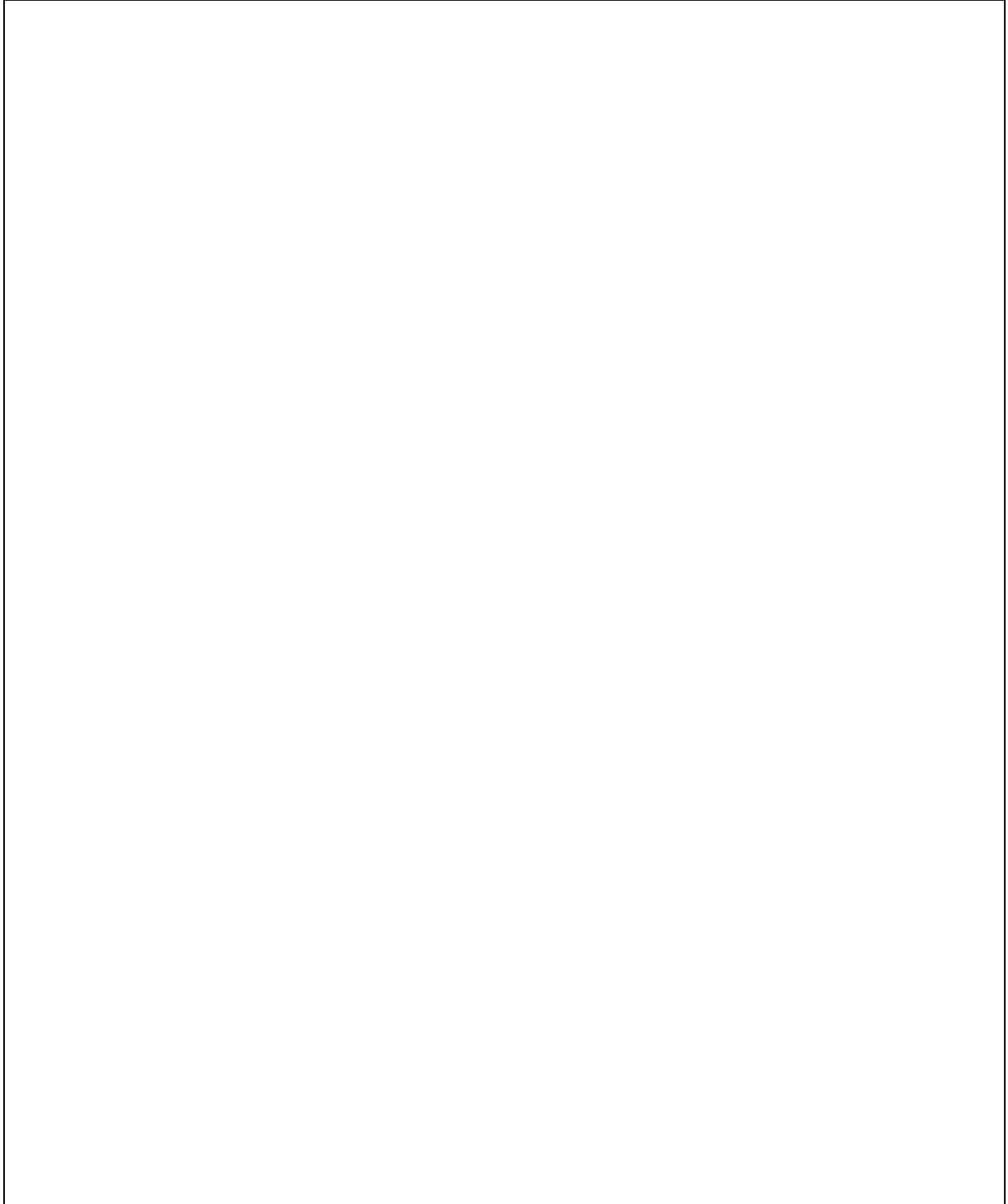
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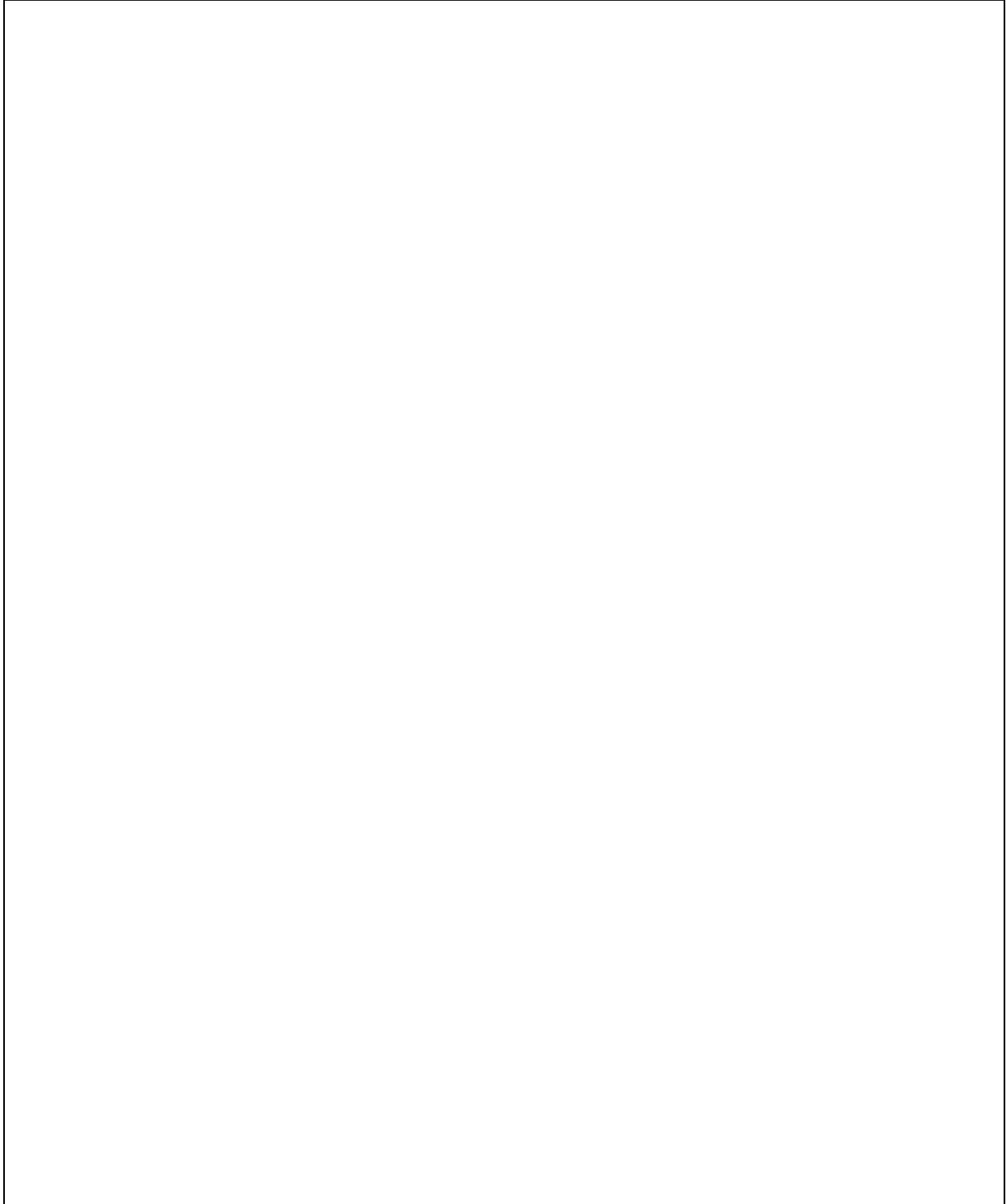
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Was it easy to replicate the scene?	

Test 6

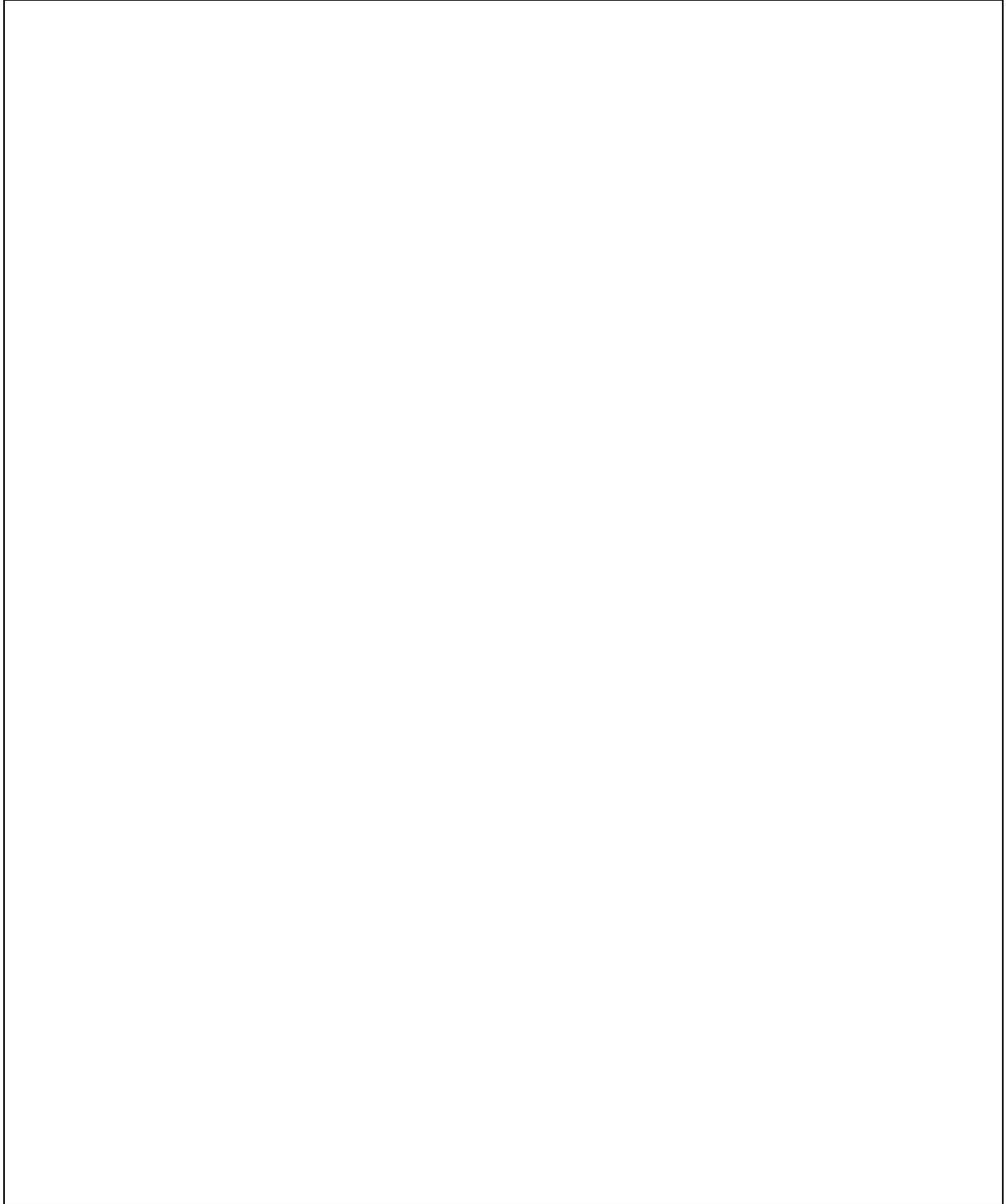
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