1. **Make a comparative table of the three types of test documentation:**

| **Name of the test documentation** | **№ Main**  **characteristics** | **Advantages** | **Disadvantages** |
| --- | --- | --- | --- |
| **Checklist** | 1. List of checks that must be performed during system testing.  2. Only contains the name of the test to be performed.  3. Doesn’t contain a detailed description of how to do the system testing. | **-** Quickier to build: Better for time efficiency and a good option for when you don’t have a lot of time to do testing.  - Simple to create and use, so you don’t need high-level expertise in your team. | - Lack of detail, when comparing with test cases, so it can be less effective especially in complex projects with a lot of test scenarios and pre-conditions. |
| **Test case** | 1. Describes a set of steps, specific conditions and parameters to ensure system testing.  2. Always has testing steps and expected results.  3. There can be “high-level test cases” which are limited to general ideas and operations and more similar to a checklist.  4. There can be “low-level test cases”, more typical, with detailed information regarding system testing, and ready for execution. | - Testing approach is structured and systematized.  - Easier to track testing efforts since we have detailed steps, inputs and expected outcomes of the testing process. | - It requires a significant amount of time and effort to build test cases. |
| **Use case** | 1. Describes the interactions of users with the system  2. More focused on functional requirements and what is the goal/value of the system from the user point of view  3. Focus on how users interact with the system to achieve specific goals or tasks. | - Promotes a system that is built towards the user's needs and expectations.  - Promotes a better understanding in development teams and QA teams of what the system behavior should be from the user perspective. | - Overlooks non-functional requirements (performance, etc.) that are as important to ensure that the system is working correctly |

**2. Make a checklist for testing the main page of your favorite online store (**[**https://www.amazon.com/**](https://www.amazon.com/)**,** [**https://www.mrporter.com/en-fr/**](https://www.mrporter.com/en-fr/)**,https://www.asos.com/) *Write the answers in a Google Docs file. Link the file in the LMS.***

You can find the checklist created for this exercise in this document: <https://docs.google.com/spreadsheets/d/146EnD8_OPfxxXDZcDhIMh7kbk2xF1JGoVV8iO_1T8V8/edit#gid=1917553320>

**3. Create 5 positive and 5 negative test cases to check the basic functionality of your favorite online store. (**[**https://www.amazon.com/**](https://www.amazon.com/)**,** [**https://www.mrporter.com/en-fr/**](https://www.mrporter.com/en-fr/)**, https://www.asos.com/)**

You can find the 5 positive and 5 negative test cases created for this exercise in this document: <https://docs.google.com/spreadsheets/d/146EnD8_OPfxxXDZcDhIMh7kbk2xF1JGoVV8iO_1T8V8/edit#gid=1917553320>

**4. You are the founder of a startup planning to launch a mobile application for sharing cat photos on iOS and Android devices. The startup has a team of 3 developers (Back-End, iOS, and Android). Requirements and use cases are provided by you as the main stakeholder.**

**Create a test plan that will allow you to release a product of proper quality.**

You can find the Test Plan created in this document: <https://docs.google.com/spreadsheets/d/1nbVVuLWMMfiuvL4DVzvx-sCpmuxxzdR1_l_DkROB08Y/edit#gid=0>

I added the Requirements and Use Cases in this Doc but also in the Spreadsheet above (with the Test Plan), so that it’s easier to correct.

As per the instructions above, I only considered my team with the 3 developers mentioned on the exercise. Not sure if I was supposed to add other additional members to the team (such as testers), but in any case I’m free to re-do the exercise considering a broader team including testers.

**Requirements for the CatSharing App:**

* Users can download the App in both App Store and Play Store.
* Users need to accept the T&C before they first enter the App.
* Users can login into the App using an email address and password of choice.
* Users can upload at least one cat photo each time by clicking the “Upload” button on the top corner.
* Users can upload a maximum of five cat photos each time by clicking the “Upload” button on the top corner.
* Users can only write cat photo descriptions with a limit of 50 characters.
* Users can only use cat emojis in the photo descriptions.
* Users can only upload cat photos on the App.
* Users can like photos from other users by clicking on the thumbs-up button below each photo.
* Users can comment on photos from other users by using the description field below each photo.
* The App is available in both English and Chinese

**Use Cases for the CatSharing App:**

* A user with an Android phone wants to download the CatSharing App in the Play Store.
* A user is using the app for the first time, accepts the T&C to proceed, and afterward sign-in into the app using their selected email and password.
* A user wants to upload a cat photo that he took of his cat during beach vacation with the description "Out of office 🏖️"
* A user wants to upload four photos of his cat and one photo of his dog with the description "Family Time!"
* A user wants to upload two cat photos that he took of his cat during the weekend with the description "Chilling 🐱"
* A user wants to upload three cat photos that he took of his cats with the description "My cats are the best. I can't imagine my life without them!"
* A user wants to like a cat photo that his friend added on CatSharing and comment "Looking Cute!"
* A user that lives in China wants to change the language setting to Chinese.