1.  
As a scrum practitioner, I have made the decision to adopt the agile development method due to the following reasons:

* The features of requirements:

+The situation pertains to the concept of reliability. Undoubtedly, the stipulated standards exhibit a high degree of dependability.

+Types of requirements and how many of them are there?

* It is possible that the context may include several functional needs beyond the quantity of 5.

-The clarity of the standards is insufficient for understanding.

+ Is it possible for requirements to undergo occasional changes? Yes, the requirements may change occasionally.

+ The precise definition of requirements is established at an early stage. The lack of precise definition on the criteria is evident. The presence of unclear needs necessitates the use of agile methodologies since they allow for flexibility and adaptability in accommodating undefined requirements.

* Development team:

+ There are 8 members of the project including of 6 developers and 2 QA. So that team is suitable to be a medium team.

+ The precise count of team members remains unknown; nonetheless, it is plausible that the current membership is sufficient to understand user requirements.

+The organization can give further resources when demanded.

* User connection  
  + The concept of user engagement refers to the active participation of individuals in a particular process or activity. It entails engaging users in decision-making.

Efficiently engaging with people to get high-quality feedback is essential. The most suitable model for the description is Scrum. This is the methodology I used to implement the proposed approach:

* To begin the process, I gather all the necessary prerequisites from personnel to develop a comprehensive product backlog.
* Following this, our team gathers for a sprint planning meeting to delineate the precise objectives and extent of the next sprint. We proceed to choose and priorities items from the product backlog for implementation, and then formulate a comprehensive plan for the developmental tasks to be undertaken during the sprint.
* The project will be divided into three distinct sprints, each of which will have a length ranging from one to two weeks.

Sprints 1: Size Guides and Recommendations, 360-Degree Product Views.  
Sprints 2: High-Quality Product Images, Multiple Model Representation.

Sprints 3: Flexible Return and Exchange Policies.

* Our team will effectively handle both the development and testing components simultaneously throughout each Sprint. ReactJS is often used for frontend development, while .NET is frequently utilized for backend development. Additionally, Flutter is often chosen for Mobile Development purposes.
* I have made the decision to use Jira as the project management application.

2.

I decide to use black box and whitebox testing together, allocate whitebox testing to developers and blackbox testing to QA (Quality Assurance). Developers will handle Code Coverage Analysis to examining the source code's scope to make sure that important components are tested. For the moment, QA deals with Regression Testing because Regression testing is done to make sure that tested features remain functional after modifications.

3.

Four test cases that I expect the testing team to use when testing.

Functionality Verification Test

Code Review and Unit Testing

Code Coverage Analysis

Data Integrity Testing

4.

Functional requirements:  
-The system supple detailed size guides that assist customers can select clothes which be suitable for customers.

-The system allows customers to watch every aspect of supply that helps customers understand features.

-The system shows a lot of clothing models with different body types and size.

-The system is capable of return money or swap items that customers don’t felt suitable.

Non-functional requirements:  
- The system should possess the capability to accommodate a minimum of 1000 simultaneous users.

- It is essential to ensure that all sensitive data is encrypted during both its transmission and storage.

5

As a shopper, I view 360-Degree of clothes that make a decide to buy or not.

As a shopper, I have bought a t-shirt on this web. It’s not suitable size for me, but I can exchange the same t-shirt with another size.

6.

|  |  |  |  |
| --- | --- | --- | --- |
| Shopping | Policies | Feedback | Representation of model |
| Add Item | View polices | View feedback | View model |
| Delete Item | Exchange Item | Note feedback | Adjust different perspectives of model |
| Update Item | Return Item | Edit feedback |  |

7

Low Impact, High Probability Situation

-Customers don’t know clear about polices.

Reason: Normally, customers don’t read polices when they want return or exchange money. That’s troubling with employee.

High Impact, Low Probability Situation

-Customers break a little to items.

Reason: Customers indeliberate make items in bad state but it’s on the date of Polices and they want to exchange items.