**EXERCISE 47.1**

**Concrete example using mapping technique:**

In three amigos meeting, the input is user story and business rules

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| --- |
| User story  Process Refunds |
| Business rule1:  User should be registered on TestMe app and able to successful login the application. | | Example for business rule1: The user should be an registered one.  Mary wants to purchase a product on TestMe app. She has to register into the application by providing the valid details that are required and is able to purchase the product. |
| Business rule2:  User should be able to buy an item which has been stored in the cart. | | Example for business rule2: The user is able to buy a product that he/she is stored in the cart.  Mary wants to buy an headphone and she added the product to the cart for purchasing further by adding the item to the cart. TestMe don’t show any cart option if at least one item is not stored in the cart. |
| Business rule3:  User should have net banking to make payment and successful order of a product. | | Example for business rule3:The user is able to purchase the product by performing net banking.  Once Mary has added the item to the cart, she proceeds further to purchase the product by checking the purchasing details. After giving HDFC username, password and transaction password, the item was successfully ordered. |
| Business rule4:  User should be able to return the product if its not meet the requirement specifications. | | Example for business rule4: The user is able to return the product if not meet the requirements of the customer  Mary after receiving the purchasing product, if the packing of the product results in any damage then she wants to return the product as its not meet the customer satisfaction so ask for an refund. |
| Business rule5:  The sales team assistant should be able to process the refund. | | Example for business rule5: The sales team has to process the refund to satisfy customer statutory rights.  It takes 30 days time for Mary to return the product. After receiving the product the sales team has to provide an refund for the customer as the customer is not satisfied with the product. |
| Question:   |  | | --- | | What if the sales assistant not able to process refund to the customer? |   What if the customer can’t able to return the product? | | |

**Solution 1.**

Discussions are important in Behaviour driven development because of following reasons:

* as its helps to bridges the gap between business team and technical team
* collaborating between different roles to share a common understanding for a problem to get solved
* to work in a rapid and small iterations/ sprints to increase feedback
* it helps the teams in creating application/ system documentation that will be automatically verified against the application behaviour

**Solution 2.**

If we want to add a new feature to an user story for that specification we will discuss all the business rules and examples for that new feature of what is supposed to be done by discussing more about the problem domain.

**Solution 3.**

Concrete examples help in discussing about the problem domain more so that they provide us an deliberate idea of how the system behaves for each business rules that are specified.

**Solution 4.**

Three amigos are:

1. **The product owner:** for identifying the scope of the application and converting user stories into features.
2. **Tester:** for generating test scenarios where the application can break**.**
3. **Developer:** to go in details into each requirement, how the application will execute and what could be the hinderances.

**Solution 5.**

In three amigos meeting, the inputs are business rules and user stories and the output includes the application design and helps us to understand what is supposed to be done further.