

Use case "Return a bike"

BASIC FLOW

NO	DOER	ACTIONS
1	User	Requests to return a bike
2	User	Enters the barcode of the bike
3	System	Checks if barcode is valid or not
4	System	Converts barcode to rental code
5	System	Calculates rental fee and notifies to User
6	System	Calls Use case "Refund deposit after deducting rental fee"

ALTERNATIVE FLOW

LOCATION	DOER	CONDITION	ACTIONS	RESUME LOCATION
Step 3 of basic flow	System	Wrong barcode	Let user re-enter the barcode	Step 2 of basic flow

Use case "Refund deposit after deducting rental fee"

BASIC FLOW

NO	DOER	ACTIONS
1	System	Calls deduct money API
2	System	Calls add money API
3	Interbank	Validates payment methods
4	Interbank	Begins transactions
5	Interbank	Sends success status

ALTERNATIVE FLOW

LOCATION	DOER	CONDITION	ACTIONS	RESUME LOCATION
3	Interbank	Problems	Sends failure status back to software	the use case ends