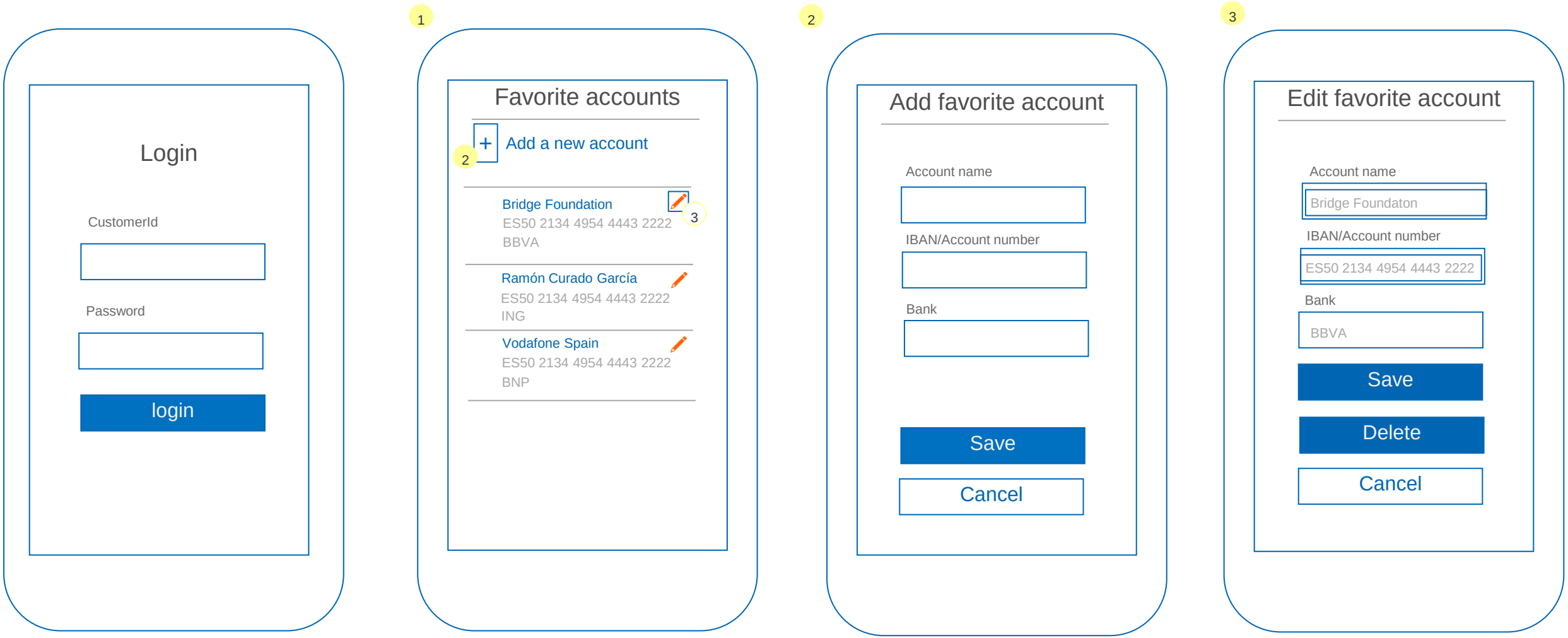
Favorite accounts



Note: Screens are for illustration only. Output can be demonstrated through Postman / Swagger

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Favorite Accounts

1- All data related to favorite accounts are stored in database.

2– The following values are created and stored in the database:

- Favorite account name
- Favorite account IBAN
- Favorite account Bank

3- The bank is calculated from IBAN number:

- ES21 **0000** 0000 00 00000

Match code with Bank name in your application. A fictitious table to match codes and Bank name is included in this presentation.

Any Messaging Queue (Eg: Kafka, ActiveMQ, RabbitMQ) should be implemented to get the Bank name from the Bank code, with appropriate logic to demonstrate the Queue Flow.

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Validations

Field validations

Name:
- Mandatory
- Letters/numbers plus ‘ and -
- Enabled editing or adding

IBAN/Account number:
- Mandatory
- Letters/numbers
- Max length: 20
- Enabled editing or adding

Bank:
- Mandatory
- Autocalculated by IBAN, an error must be shown if the bank does not exist.
- Disabled

Max favorite accounts:
- 20 (pagination by 5)

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Favorite Accounts

Criteria to be taken into account:

- Proper db model
- Proper REST guidelines implemented
- Functional programming approach
- Code coverage by test
- Readability
- Maintainability
- Incremental delivery
- Clean code
- Git flow
- Messaging: Asynchronous communication

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Favorite Account – Bank Names

CustomerId	Name
1	Profesor
2	Arturito

Table match between code and bank names

Code	Bank name
1234	Nairobi Bank
1235	Denver Bank
1236	Moscow Bank
1237	Tokio Bank

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THANK YOU

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