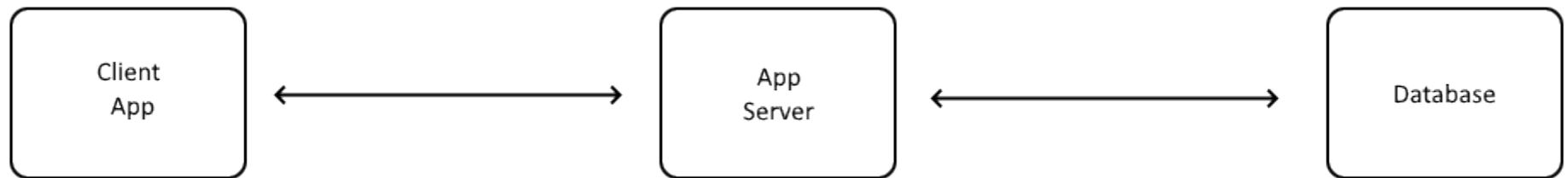# ATM

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Overall architecture

Client App

- .NET Core 2.4

- Vue.js components

- Bootstrap 4

- SASS

- RWD

- Node.js as application builder

- Ajax communication with App Server

Client App

App Server architecture
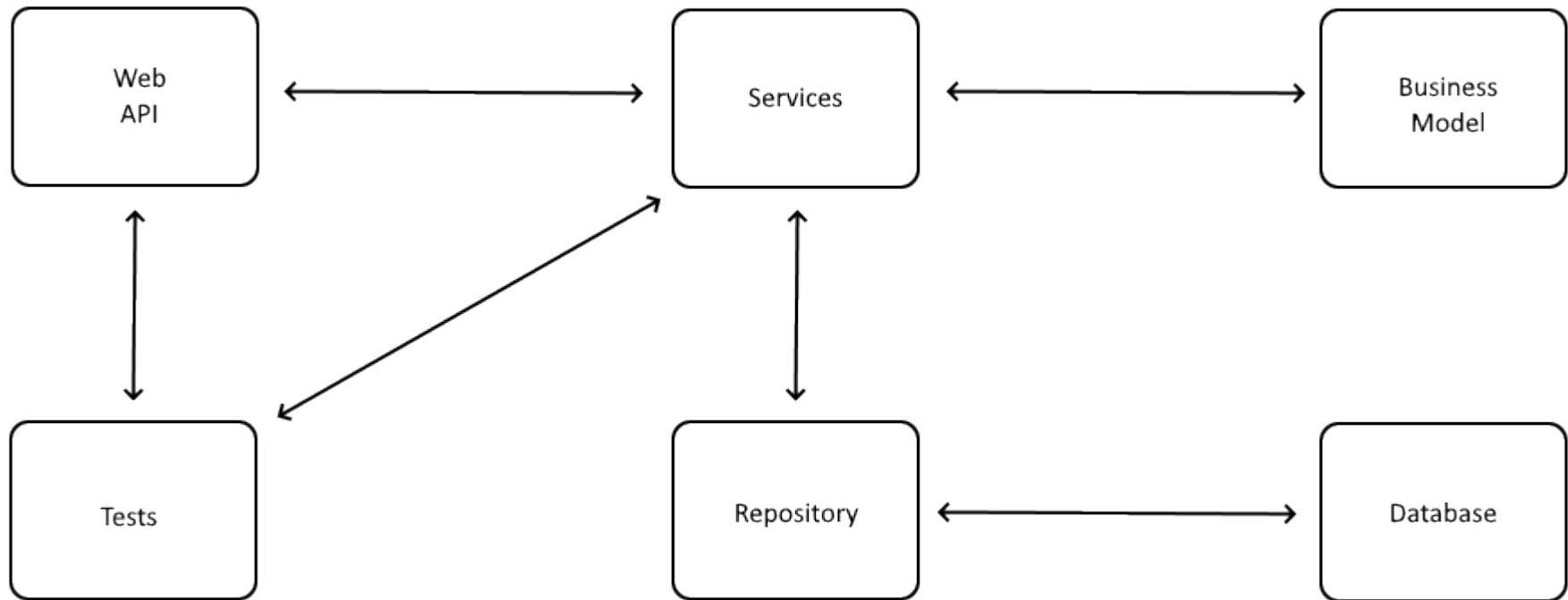
Server App details

- .NET Core 2.4

- Entity Framework Core

- WebApi – MVC pattern

- Repository pattern

- Middlewares

- Test Driven Development

- 3/4 REST maturity level

- Self explanatory code

- Greedy algorithm

Database

- MS SQL

- Entity Framework Core

- Code First approach

- Migrations

- GUIDS

Documentation

- Swagger

Documentation

Withdraw ⌄

POST `/api/Withdraw/withdraw`

Parameters   [Try it out]

Name	Description

model
(body)
	Example Value │ Model
	
	``json
	{
	  "accountNumber": "string",
	  "amount": 0
	}
	``
	
	Parameter content type
	[application/json-patch+json ⌄]

Responses   Response content type [text/plain ⌄]

Code	Description

200	*Success*
	
	Example Value │ Model
	
	``json
	{
	  "notes": [
	    {
	      "note": 0,
	      "amount": 0
	    }
	  ]
	}
	``

Documentation

Withdraw

Models

```
WithdrawRequest ⌄ {
    accountNumber       string
    amount              number($double)
}
```

```
WithdrawalViewModel ⌄ {
    notes
                        ⌄ [
                        uniqueItems: false
        NoteChange ⌄ {
            note            number($double)
                            readOnly: true
            amount          integer($int32)
                            readOnly: true
        }]
}
```

```
NoteChange ⌄ {
    note                number($double)
                        readOnly: true
    amount              integer($int32)
                        readOnly: true
}
```

ATM

Thank You

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