



# EasyRestaurants

Group 5

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# Introduction



- Database -> MySQL
- Connections made by HTTP -> As a response you get a JSON
- Functions:
  - Login & Register
  - Make/Modify/Cancel reservations
  - Search restaurant -> Filters: specialties, type
  - Add restaurants to favorites
  - Make/See reviews and score of the restaurants
  - Multi-language -> English & Greek



# Scrum

Description of the process:

- Face to face meetings for each of the three sprints and pregame phase. Assigning tasks for each of the members depending on their preferences and experience.
- Discord meetings between sprints in order to guarantee that everything goes smoothly.
- Group meetings in english so that we could communicate fluently.
- Each member decides the estimated time needed for their tasks.

# Youtrack + Github

## Burndown for Sprint 3

Issue filter: Board BSPQ19-E5 Project Development: (Sprint 3) and (Type-{User Story})

calculated 3 minutes ago



Activity settings ▾

- Carlos Lago committed changes 12 May 2019 23:15  
Connected favourites and reservations to server #BSPQ19E5-52  
45ac6f81
- Carlos Lago  
12 May 2019 | 2h 00m | No type
- Carlos Lago committed changes 13 May 2019 13:22  
Update and remove reservaitons #BSPQ19E5-52  
3e98db3e
- Carlos Lago  
13 May 2019 | 1h 00m | No type
- Carlos Lago committed changes 14 May 2019 15:26  
Update and remove reservation working on client #BSPQ19E5-52  
9da0484f
- Carlos Lago  
14 May 2019 | 2h 00m | No type



# Maven

**Maven** → Simple use mainly for implementing Jacoco and Contiperf

**Jacoco** → Used for code coverry configure to work in 50% of coverage

**Contiperf** → Used for testing performance



# Coverage and Performance testing

## Server side:

- Silk
- Coverage

## Client side:

- Jacoco
- Contiperf
- VisualVM

Coverage report: 87%

Module	statements	missing	excluded	coverage
EasyRestaurantsServer\__init__	0	0	0	100%
EasyRestaurantsServer\settings	18	0	0	100%
EasyRestaurantsServer\urls	4	0	0	100%
manage	13	6	0	54%
polls\__init__	0	0	0	100%
polls\admin	22	2	0	91%
polls\apps	3	0	0	100%
polls\forms	2	0	0	100%
polls\migrations\0001_initial	8	0	0	100%
polls\migrations\0002_auto_20190331_1811	5	0	0	100%
polls\migrations\0003_auto_20190331_1818	5	0	0	100%
polls\migrations\__init__	0	0	0	100%
polls\models	26	3	0	88%
polls\tests	38	0	0	100%
polls\views	81	18	0	78%
Total	225	29	0	87%

coverage.py:61:6

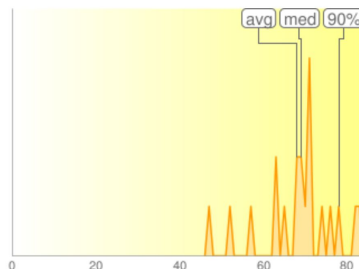
200 GET  
/restaurants/

60ms overall  
4ms on queries  
3 queries

200 GET  
/reservations/

94ms overall  
10ms on queries  
5 queries

## com.EasyRestaurantClient.app.RestaurantTest.testRestaurants



Started at: 27-abr-2019 19:22:36

Measured invocations: 20

Thread Count: 5

Measured Required  
(system)

Execution time: 291 ms

Throughput: 68 / s

Min. latency: 47 ms

Average latency: 68 ms

Median: 69 ms 250 ms

Max latency: 83 ms 500 ms

# Travis

Used for performing server APIs test when doing commits to Github.

## Connections between UIs and server



carloslago committed 26 minutes ago ✓

## Restaurant menu UI #BSPQ19E5-61



dnl committed 2 hours ago ✓

## Reviews GUI and Add\_Review GUI #BSPC



pabloirigo committed 6 hours ago ✓

## All checks have passed

2 successful checks



Travis CI - Branch — Build Passed

[Details](#)



continuous-integration/travis-ci/push — The Travis C...

[Details](#)

# Doxygen+Logging

- Use of the package `java.util.logging`  
Provides the classes and interfaces  
of the JavaTM 2 platform's core logging facilities.
- Use of the Doxygen



The screenshot shows a web page generated by Doxygen for a project named "MyEasyRestaurant-MakeReservation". The page has a navigation bar with links: "Main Page", "Namespaces", "Classes", and "Files". Below the navigation bar is a breadcrumb trail: "com" > "EasyRestaurantClient" > "app" > "Reservation". The main heading is "com.EasyRestaurantClient.app.Reservation Class Reference". Under the heading, there are two sections: "Public Member Functions" and "Static Public Member Functions".

**Public Member Functions**

- `Reservation` (String user, String name\_Of\_Restaurant)
- `void main` (String[] args)
- `void makeResInterface` ()

**Static Public Member Functions**

- `static void negRespondMessage` ()
- `static void posRespondMessage` ()





# Events and difficulties

- On the whole , everything ran smoothly.
- Some problems with configuring some of the programs to use, but resolved.
- Very interesting the multi-language application.
- Very good cooperation among the members.