Proyecto Euro MS

```
class Main {
 + teams: List<Team>
+ stadiums: List<Stadium>
+ matches: List<Match>
+ customers: List<Customer>
+ restaurants: List<Restaurant>
+ tickets_sales: List<Ticket>
+ seats_taken: List<String>
 + seats: List<String>
+ codes: List<String>
+ products: List<Product>
+ alcoholic_beverages: List<Product>
 + non_alcoholic_beverages: List<Product>
+ food_plate: List<Product>
+ food_package: List<Product>
+ receipt: List<String>
 + info_api()
+ sort_matches()
+ buy_ticket()
+ verify_attendance()
+ manage_products()
+ sort_products()
+ purchase_restaurant()
+ stats()
+ menu() }
```

```
class Team { - id: int - code: String -
name: String - group: String }
```

```
class Stadium { - id: int - name:
String - city: String - capacity: int -
restaurants: List<Restaurant> +
show_stadium() + map(Main: m,
capacity: int)
```

```
class Restaurant { - name:
String - products:
List<Product> }
```

```
class Match { - id: int - home: Team - away:
Team - date: String - stadiumId: Stadium -
attendance: int + show_match_id() +
show_date()
```

```
class Ticket { - match_id: int - type: String -
total: float - code: String - seat: String +
show_ticket() }
```