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|  | Requirements |
|  |  |
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|  |  |

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# REQ-5-1 Register in System

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

Unregistered users can register in Rezervito.

# REQ-5-2 Login in System

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| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

Registered users can login in Rezervito.

# REQ-5-3 Browse Restaurant's catalog

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| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

Registered and Unregistered users should be able to browse in restaurants catalog. The user than can see details about a specified restaurant (REQ-5-3.1).

|  |
| --- |
| Child Requirements |
| View restaurant information |

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| --- |
| References |
| REQ-5-3.1 (Functional) View restaurant information |

# REQ-5-3.1 View restaurant information

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The user should be able to see various restaurant details :

brief description

menu

photos gallery

location

work time

|  |
| --- |
| Requirements that Reference REQ-5-3.1 |
| REQ-5-3 (Functional) Browse Restaurant's catalog |

# REQ-5-4 Filter restaurant

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  | Approved |

Registered and Unregistered users should be able to filter restaurants by different categories : (REQ-5-4.1), (REQ-5-4.2), (REQ-5-4.3) .

|  |
| --- |
| Child Requirements |
| Filter By Food Type |
| Filter by Nearest Restaurants |
| Filter by Price |

|  |
| --- |
| References |
| REQ-5-4.1 (Functional) Filter By Food Type |
| REQ-5-4.2 (Functional) Filter by Nearest Restaurants |
| REQ-5-4.3 (Functional) Filter by Price |

# REQ-5-4.1 Filter By Food Type

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The user should be able to filter restaurants by food type.

|  |
| --- |
| Requirements that Reference REQ-5-4.1 |
| REQ-5-4 (Functional) Filter restaurant |

# REQ-5-4.2 Filter by Nearest Restaurants

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The user should be able to see a list of the nearest restaurants depending on his current GPS position.

|  |
| --- |
| Requirements that Reference REQ-5-4.2 |
| REQ-5-4 (Functional) Filter restaurant |

# REQ-5-4.3 Filter by Price

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The user should be able to filter restaurants by price category.

|  |
| --- |
| Requirements that Reference REQ-5-4.3 |
| REQ-5-4 (Functional) Filter restaurant |

# REQ-5-5 Search restaurants by name

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

Registered and Unregistered users should be able to find restaurants by

name.

# REQ-5-6 Add to Favorites

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| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

Registered users could add restaurants to Favorites list.

# REQ-5-7 Subscribe to newsletters

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

Registered and Unregistered users could subscribe to newsletters for a

particular restaurant.

# REQ-5-8 Book table

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

Registered and Unregistered users must be able to reserve a table in a chosen restaurant. The user must provide reservation details: (REQ-5-8.1), (REQ-5-8.2), (REQ-5-8.3).

In the finalization of the booking process the Unregistered user must provide contact information (REQ-5-8.4).

|  |
| --- |
| Child Requirements |
| Reservation Date |
| Reservation Size |
| Reservation Preferred Table Location |
| Unregistered User Contact Data |

|  |
| --- |
| References |
| REQ-5-8.1 (Functional) Reservation Date |
| REQ-5-8.2 (Functional) Reservation Size |
| REQ-5-8.3 (Functional) Reservation Preferred Table Location |
| REQ-5-8.4 (Functional) Unregistered User Contact Data |

# REQ-5-8.1 Reservation Date

|  |  |  |  |
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| Functional | Priority 1 |  |  |

The user must provide the date and time for the reservation.

|  |
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| Requirements that Reference REQ-5-8.1 |
| REQ-5-8 (Functional) Book table |

# REQ-5-8.2 Reservation Size

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The user must provide the number of people who will attend.

|  |
| --- |
| Requirements that Reference REQ-5-8.2 |
| REQ-5-8 (Functional) Book table |

# REQ-5-8.3 Reservation Preferred Table Location

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The user can choose the table location in the restaurant.

|  |
| --- |
| Requirements that Reference REQ-5-8.3 |
| REQ-5-8 (Functional) Book table |

# REQ-5-8.4 Unregistered User Contact Data

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The Unregistered user must provide the following information in the

finalization of the booking process : phone number and email.

|  |
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| Requirements that Reference REQ-5-8.4 |
| REQ-5-8 (Functional) Book table |

# REQ-5-9 Client preorder

|  |  |  |  |
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| Functional | Priority 1 |  |  |

The Registered user should be able to preorder appetizers and drinks.

Therefore he must pay (REQ-5-9.1) .

|  |
| --- |
| Child Requirements |
| Pay preorder |

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| --- |
| References |
| REQ-5-9.1 (Functional) Pay preorder |

# REQ-5-9.1 Pay preorder

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The Registered user must be able to pay for the preorder via Bank service.

|  |
| --- |
| Requirements that Reference REQ-5-9.1 |
| REQ-5-9 (Functional) Client preorder |

# REQ-5-10 Give feedback

|  |  |  |  |
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| Functional | Priority 1 |  |  |

Registered users should be able to write a review for a particular restaurant.

The user must give a rating and text comment.

# REQ-5-11 Report bugs

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| Functional | Priority 1 |  |  |

Registered and Unregistered users should be able to report bugs to the System administrator.

# REQ-6-1 Login

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The Restaurant manager must be able to login in Rezervito.

# REQ-6-2 Reservations overview

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The Restaurant manager must be able to see brief information about all reservations. Also he can check specific reservation details. Reservation sender info include: (REQ-6-2.1), reservation information include: (REQ-6-2.2), preorder details include: (REQ-6-2.3)

|  |
| --- |
| Child Requirements |
| Check client details |
| Check reservation details |
| Check preorder details |

|  |
| --- |
| References |
| REQ-6-2.1 (Functional) Check client details |
| REQ-6-2.2 (Functional) Check reservation details |
| REQ-6-2.3 (Functional) Check preorder details |

# REQ-6-2.1 Check client details

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The Restaurant manager should be able to see client name, client phone, client email for the specified reservation.

|  |
| --- |
| Requirements that Reference REQ-6-2.1 |
| REQ-6-2 (Functional) Reservations overview |
| REQ-6-5 (Functional) See workload |

# REQ-6-2.2 Check reservation details

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The Restaurant manager must be able to see date and time of reservation submission, reserved table code, size of attendance party for the specified reservation.

|  |
| --- |
| Requirements that Reference REQ-6-2.2 |
| REQ-6-2 (Functional) Reservations overview |
| REQ-6-5 (Functional) See workload |

# REQ-6-2.3 Check preorder details

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The Restaurant manager should be able to see details regarding preorder of appetizers and drinks for a specific reservation.

|  |
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| Requirements that Reference REQ-6-2.3 |
| REQ-6-2 (Functional) Reservations overview |
| REQ-6-5 (Functional) See workload |

# REQ-6-3 View feedback

|  |  |  |  |
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| Functional | Priority 1 |  |  |

The Restaurant manager must be able to see reviews by Registered users regarding his restaurant. Review details include : (REQ-6-3.1)

|  |
| --- |
| Child Requirements |
| Feedback information |

|  |
| --- |
| References |
| REQ-6-3.1 (Functional) Feedback information |

# REQ-6-3.1 Feedback information

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

Feedback information must include author of review, date and time of review, rating and text comment.

|  |
| --- |
| Requirements that Reference REQ-6-3.1 |
| REQ-6-3 (Functional) View feedback |

# REQ-6-4 Change restaurant information

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The Restaurant manager must be able to change information about the restaurant. Restaurant information includes: (REQ-6-4.1)

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| --- |
| Child Requirements |
| Restaurant Information |

|  |
| --- |
| References |
| REQ-6-4.1 (Functional) Restaurant Information |

# REQ-6-4.1 Restaurant Information

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

Restaurant information must include address, phone, work time, description and photo gallery.

|  |
| --- |
| Requirements that Reference REQ-6-4.1 |
| REQ-6-4 (Functional) Change restaurant information |

# REQ-6-5 See workload

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The Restaurant manager should be able to monitor the occupied and free tables. For a reserved table the manager should be able to:

Check client details (REQ-6-2.1),

Check reservation details (REQ-6-2.2),

Check preorder details (REQ-6-2.3) .

|  |
| --- |
| References |
| REQ-6-2.1 (Functional) Check client details |
| REQ-6-2.2 (Functional) Check reservation details |
| REQ-6-2.3 (Functional) Check preorder details |

# REQ-6-6 Report bugs

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The Restaurant manager should be able to report bugs.

# REQ-6-7 Add newsletters

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The Restaurant manager should be able to create (REQ-6-7.1) or upload (REQ-6-7.2) a newsletter. Afterwards Rezervito forwards the newsletter to the subscribers.

|  |
| --- |
| Child Requirements |
| Create newsletter |
| Upload newsletter |

|  |
| --- |
| References |
| REQ-6-7.1 (Functional) Create newsletter |
| REQ-6-7.2 (Functional) Upload newsletter |

# REQ-6-7.1 Create newsletter

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The Restaurant manager should be able to add text content and upload images to the newsletter.

|  |
| --- |
| Requirements that Reference REQ-6-7.1 |
| REQ-6-7 (Functional) Add newsletters |

# REQ-6-7.2 Upload newsletter

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The Restaurant manager should be able to upload a finished newsletter.

|  |
| --- |
| Requirements that Reference REQ-6-7.2 |
| REQ-6-7 (Functional) Add newsletters |

# REQ-7-1 Login

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The System administrator must be able to login in Rezervito.

# REQ-7-2 Manage client accounts

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| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The System administrator must be able to edit and delete Registered client accounts.

# REQ-7-3 Manage restaurant managers accounts

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The System administrator must be able to create (REQ-7-3.1), edit and delete Restaurant manager accounts.

|  |
| --- |
| Child Requirements |
| Restaurant manager account creation |

|  |
| --- |
| References |
| REQ-7-3.1 (Functional) Restaurant manager account creation |

# REQ-7-3.1 Restaurant manager account creation

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The System administrator must be able to create an account for the Restaurant manager after the latter had supplied him with the necessary information about the account creation process.

|  |
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| Requirements that Reference REQ-7-3.1 |
| REQ-7-3 (Functional) Manage restaurant managers accounts |

# REQ-7-4 Apply updates

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The System administrator must be able to apply updates to Rezervito after the Development Team adds features.

# REQ-7-5 Report bugs

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Priority 1 |  |  |

The System administrator must be able to forward the bugs received from The Registered client and Restaurant manager clients to the Development Team.

# REQ-8-1 Reliability

|  |  |  |  |
| --- | --- | --- | --- |
| Non-functional | Priority 1 |  |  |

Rezervito must have an availability of 97 %.

# REQ-8-2 Performance

|  |  |  |  |
| --- | --- | --- | --- |
| Performance | Priority 1 |  |  |

The system must process a reservation request for less than 5 seconds.

# REQ-8-3 Security

|  |  |  |  |
| --- | --- | --- | --- |
| Non-functional | Priority 1 |  |  |

Personal information about clients accounts must be protected from unauthorized access.

# REQ-8-4 Usability

|  |  |  |  |
| --- | --- | --- | --- |
| Non-functional | Priority 1 |  |  |

The system must have a help section (REQ-8-4.1) and multilingual support (REQ-8-4.2).

|  |
| --- |
| Child Requirements |
| Help section |
| Language support |

|  |
| --- |
| References |
| REQ-8-4.1 (Non-functional) Help section |
| REQ-8-4.2 (Non-functional) Language support |

# REQ-8-4.1 Help section

|  |  |  |  |
| --- | --- | --- | --- |
| Non-functional | Priority 1 |  |  |

The system must have a help section and video tutorial.

|  |
| --- |
| Requirements that Reference REQ-8-4.1 |
| REQ-8-4 (Non-functional) Usability |

# REQ-8-4.2 Language support

|  |  |  |  |
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| Non-functional | Priority 1 |  |  |

The system's interface must support the following languages : Bulgarian, English, Spanish, Italian, German, Romanian, Serbian, Greek and Russian.

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| Requirements that Reference REQ-8-4.2 |
| REQ-8-4 (Non-functional) Usability |

# REQ-8-5 Maintainability

|  |  |  |  |
| --- | --- | --- | --- |
| Non-functional | Priority 1 |  |  |

In the first day of every month between 1 - 4 a.m the system will be shut down for a scheduled maintenance.

# REQ-8-6 Application field

|  |  |  |  |
| --- | --- | --- | --- |
| Non-functional | Priority 1 |  |  |

The storage of personal information about users in Rezervito must be GDPR compliant.