Business Trip Advisor -Travel Companion –

First Phase

Acceptance Criteria

Application Business Trip Advisor should improve internal communication among employees who are traveling for business.

In the first phase, BTA application should provide information about accommodation and life in the city to Comtrade employees, and give them opportunity to share useful information with their colleagues for future trips to the same location.

In the following text we have used:

* **System** – A front-end user application, beck-end logic, database and external services incorporated to provide required features;
* **User** – A physical person authenticated and authorized to access system and perform desired tasks;
* **Admin** – A physical person allowed to administer system;

Objectives of BTA application in first phase are:

# Primary Objectives

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| --- | --- | --- |
| No | Acceptance Criteria description | Accepted |
| 1. | User log to the application with his credentials.  *The system provides single sign-on for the user* |  |
| 2. | User choose target city.  *The system provides collected knowledge for selected city organized into following groups: City Info, Accommodation and Life in the City.*  *These data are presented with text, images, widgets, the city map.* |  |
| 3. | Existing accommodation properties are presented as the list with following essential information: title, photo, rating and link to more info.  *Ratings is presented as a 5-star graphics representing average rating and number of ratings provided by users in BTA.* |  |
| 4. | User selects accommodation to view more details about the property and collected feedback for the accommodation.  *The system present name, description and photo of accommodation along with all feedback attached to this property. Additional data could be seen by opening accommodation’s web page.* |  |
| 5. | The system allows user to leave feedback about their travel experiences.  *Feedback are attached to a city and organized into groups: City Life and Accommodation.* |  |
| 6. | Leaving feedback is easy and simple, the minimum required data for feedback is content text and group (Accommodation, Life in the city).  *Author, city, and date are detected by the system and saved automatically.*  *However, if deem helpful, user could leave additional data: title, category, photo, rating.* |  |
| 7. | The system allows users to leave comment to existing feedback.  *This is to show appreciation to a colleague or reply on a feedback. Comment contains text of reply and signal if feedback was helpful or misleading.*  *System detects author and date automatically.* |  |
| 8. | The SSD or other support departments, the same way as any regular user, are able to access collected knowledge in order to help team members have better experience.  *It is possible to browse, read and reply on feedbacks (through comments)* |  |

# Secondary Objectives

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| No | Acceptance Criteria description | Accepted |
| 1. | When leaving feedback for Life in a City it is possible to tag feedback so user can filter them by their preferences.  *The system starts with following tags: Tips, Local Transport, Food & Entertainment, Safety, Local Culture, Airport*  *Default tag is “Tips”* |  |
| 2. | When presented with city information a user can filter feedback to focus on his primary interest.  *The filtering uses tags associated with each feedback.* |  |
| 3. | The system colors code ratings to highlight user satisfaction level. |  |
| 4. | The system allows admin user to add city which is not stored.  *The city will be added through search and stored as empty shall into database. The most basic info required for the city are: name, country, geographical coordinates.* |  |
| 5. | The system allows admin user to register new accommodation property in easy and not obstructive manner.  *New property accommodation is registered by entering property URL obtained from Booking.com, airbnb.com, or other supported provider in the process of booking.* |  |

# Technical Objectives

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| No | | Acceptance Criteria description | Accepted |
| 1. | The system provides friendly and easy to use user interface across devices with different screen sizes and network quality.  *The system, one application, supports desktop and mobile devices* | |  |
| 2. | The system provides positive user experience even when network connection is unavailable (Offline regime)*:*  *Last accessed data could be reached – details about city and accommodations in the city and feedbacks for the city.*  *User could enter feedback that will be saved in the system when network connection is established.* | |  |

# External API services used within application

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| BTA usage | API Name | Purpose | Limits |
| User choose target city | Open weatherMap | Retrieve current weather and 5 days forcast for selected city | 60 API calls/min |
| Admin user add city | MapZen | Geocoding and reverse geocoding - used to search for places (city), or to convert address to geo coordinates. | 25k API calls/ month/endpoint |
| Admin user register new accommodation property | opengraph | Load OpenGraph data from POI website. | 5k API calls/month |
| Facebook Places graph | Used to receive more details about POI when it is added. | 500 API calls/day/per IP address |