Data Dictionary

for

EzParking

**Version 1.0 approved**

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**Revision History**

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
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**Data dictionary**

A set of terms matching with a description of the term in the context of the application.

**General terms**

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| --- | --- |
| **Term** | **Description** |
| Carpark Icon | The icon display on the map shows current carpark status and available slots. User can click the icon to see more information about the selected car park |
| Rating | A measure of users’ satisfaction on a particular area ranging from 1 to 5 stars where 1 depicts very unsatisfactory and 5 depicts very satisfactory. |
| Review | Comments from users describing how satisfied they are with the car park. |
| User | The person who uses the application to look for car parks. |
| Search | Search for car parks based on the user's given input. |
| Social media account | The social media account which helps users to skip the sign up process and enjoy the application directly. |
| Radius | The searching area depends by user’s current location |
| Navigate | For user to navigate to the destination car park |
| Full address name | The full address include street and block and the name of the car park |
| Capacity | The maximum slots available in the car park |
| Status | The current available slots of the car park (red->very crowded,  yellow->a bit crowded, green-> almost empty). |
| Parking fee | The different rate of the charging of the parking based on different days and time slot (eg. Morning, Evening, Weekdays, weekends and PH) |
| Permission | The requirements from the mobile phone system to allow the application run successfully. |
| Gov API caller | Call the gov data carpark api for every 30s to retrieve the latest parking status |
| Cloud database  caller | Call the cloud database to support user login and logout |