

wortell



Book - Prerequisites

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1 Communication.

Wortell System Integration & Services BV

Telephone : +31 20 7505050

E-mail : info@wortell.nl

Website : www.wortell.nl

2 Introduction.

Book is an application which is used to make reservations. Book is made with Microsoft PowerApps.

Book is fully configurable to suit your own needs and situation. All data is stored in SharePoint.

Wortell uses Book internally, functionality may or may not be added in future releases.

The current version of Book supports reservations of workplaces. Book is designed to be extended to provide reservations for other 'products' like parking places.

Book is made available to the public on request and through GitHub.

In this document you will find information regarding prerequisites of Book.

Disclaimer

Wortell provides Book and this documentation as a free product without guarantees. You may use and modify Book as you please, Wortell is not liable for any damage or claims related to the use of Book.

3 Prerequisites

To install and use Book the following prerequisites apply:

3.1 PowerApps

3.1.1 User licenses and connections

Every user of Book needs an activated PowerApps license which is included in Microsoft 365. Book uses SharePoint and Office 365 Users connections.

3.1.2 Environments

It is possible to install Book in any environment including the default environment. It is best practice however, to install important apps like Book, in a separate environment specific for this category of apps.

Wortell recommends creating 2 environments. For instance, environment 'PowerPlatform' (production) and 'PowerPlatform Sandbox' (sandbox). Use 'PowerPlatform' for production apps and 'PowerPlatform Sandbox' for apps under development.

For Book a database in the environment is not needed but possibly a requirement for other apps you want to install in this same environment. You can add a database later if needed.

Install a copy of Book in both environments call them Book and Book-DEV respectively (or any other name you like).

3.1.3 Book installation account

Book is installed using a Microsoft 365 account, the following recommendations apply:

- **Non-personal account**
Use a non-personal account to install and/or maintain Book in both environments. Using a non-personal account ensures that the app is not related to a specific user account which can cause problems when that user is no longer part of your organization.
- **Role in environment**
Any account which is used to install or maintain Book must have the 'environment maker' role in the environment. Users of the app do not need a role in the environment.

- License

Any account which is used to install or maintain Book must have an activated PowerApps license which is included in Microsoft 365.

3.2 SharePoint

A SharePoint TeamSite or Communication site is used for storing all reservations and configuration data.

3.2.1 SharePoint Security

Normal users of Book need read-only access to all lists in the Book SharePoint site. Furthermore, they need read-write access for their own items in list **RR_Reservations**.

SharePoint is used as a database; normal users of Book should not access the SharePoint site directly through the SharePoint user interface. Read-write access for their own items in list RR_Reservations is a safety measure in case they do access the site through the SharePoint user interface. Logic in the Book app controls which reservations a user can see.

Book administrators need read-write access to all lists. These users typically use the SharePoint UI to configure Book.

3.2.2 Production and DEV SharePoint site

Wortell recommends creating 2 SharePoint sites; one for production data and one for DEV data. PowerApp 'Book' is connected to lists in the production site, 'Book-DEV' is connected to lists in the DEV site. You can give these sites any name you like for instance BOOK and BOOK-DEV.