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| Requirements num | Name | Description | State |
| Req-1 | Roles | Following Roles should exist: Admin, User, Manager |  |
| Req-2 | Role Admin | The Admin should be able to do everything possible. |  |
| Req-3 | Role Manager | The Manager should be able to manage the application. |  |
| Req-4 | Role User | The User should be able to use the application. Following |  |
| Req-5 | Role Give Permission | Manager should be able to give and remove other people the role Manager |  |
| Req-6 | Add/Edit/Delete Material | Only Manager should be able to do Add Edit Delete operations with Materials, the user should not be able to see this page. |  |
|  | Read Material | Everyone should be able to access a List of all Material. |  |
| Req-7 | Add/Edit/Delete/Read Titles | Only Manager should be able to do Add Edit Delete operations with Titles, the user should not be able to see this page where this happens. |  |
| Req-8 | Add/Edit/Delete Places | Only Manager should be able to do Add Edit Delete operations with Places, the user should not be able to see this page the user should not be able to see this page where this happens. |  |
|  | Read Places | Everyone should be able to see all Places. |  |
| Req-9 | Add/Delete Users | Only Manager should be able to do Add Edit Delete operations with Users, the user should not be able to see this page the user should not be able to see this page where this happens. |  |
| Req-10 | Edit User | The User should be able to change his phone Number and his Picture. Only the Moderator should be able to change Title, Forename and Last name from everyone. |  |
| Req-11 | Read Users | Everyone should be able to see all Users. |  |
|  | Homepage Logged Out | If you are logged out, you should see a login screen where you can login. |  |
|  | Homepage Logged In | If you enter the Homepage you should see a List of Material which is assigned to your Name, where you can also return the material, as well as an option to book or reserve new material. If a Material will be used by someone else in the future, there should be a mark. You should be able to return material by one click with a conformation popup. |  |
|  | Navigation User | A User should have following navigation Options: Your Material, All Material, Profile |  |
|  | Navigation Manager | A User should have following navigation Options: Your Material, All Material, All Construction Places, All Storages, All Users, Profile |  |
| Req-12 | Profile Page Overview | You should have a View where you can see your user profile. This profile should be accessible every time you are on the website. A User should be able to change his phone number and picture. A Manager should be able to change everything. |  |
| Req-13 | Booking Material | When you want to book a Material, you should have 2 options. Book it now or reserve it in the future. You cannot book something in the period where someone reserved it. You also need to choose where you going to keep the material, you can choose between a construction place or you own home. |  |
| Req-14 | Booking reserving Material | When you want to book something, which is reserved in the next 14 days you should get a confirmation popup. |  |
| Req-15 | Storages page overview | There should be a List of all storages. You should be able to add new storages, edit existing storages and delete not anymore used storages. Only managers should be able to access this page. |  |
| Req-16 | Deleting not empty storage. | You should not be able to delete storages if there is still material in associated with the storage. If this happens you should get a popup with a List of all existing material on the storage with an option to navigate to the material overview page. |  |
| Req-17 | Storage | A Storage should have following attributes: An Address and a Name (Redstreet 4 2504 Biel, place). |  |
| Req-18 | Adding a storage | You need to have an address and a place. |  |
| Req-19 | Constructions places page overview | There should be a List of all construction places. You should be able to add new construction places, edit existing construction places and delete not anymore used construction places. Only Managers should be able to access this page. |  |
| Req-20 | Deleting not empty construction places. | You should not be able to delete storages if there is still material in associated with the construction places. If this happens you should get a popup with a List of all existing material on the construction places with an option to navigate to the material overview page. |  |
| Req-21 | Construction place | A construction place should have following attributes: An Address and a Name (Redstreet 4 2504 Biel, place). |  |
| Req-22 | Adding a construction place | You need to have an address and a place. |  |
| Req-23 | Users pages Overview | Only Managers should be able to access this page. You should have a List off all users. You should be able to add new users, edit existing users and delete or deactivate not anymore used users. By default, there should not be any deactivated users in the list, but you should be able to see them if you want. |  |
| Req-24 | Deleting existing Users | You cannot delete users which have ever booked or reserved some material. Then it should ask you if you want to deactivate it instead of deleting it. |  |
| Req-25 | User |  |  |
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