| **Test seq. ID** | **Action performed** | **Expected results** | **Pass / Fail** | **Note (in the case of „Fail“)** |
| --- | --- | --- | --- | --- |
|  | User manual, English version download | Downloading of English version of user manual | Fail  Fail 14.6. | There is no button to download.  14.06.2019. Manual can’t be downloaded.  Update of manual. Should it be added to the “Code” section of the git (<https://github.com/HRSEVESOSK/cide-ionic-app/tree/master/user_manual>)? |
|  | ROLE\_CIDE\_ADMIN | Deletion of users | Fail  Fail 14.6. | Deletion is not possible. Please provide us information how to manage this.  Perhaps to lock user accounts that are not in use any more?    Note: 14.06.2019. Please provide us with the information on how can users be deleted.  Deletion is not possible through the application. Permanent deletion of users in the database (cide\_person) is not possible.  User reappears as a new instance (new id, incremented) after it has been deleted from the cide\_person table after he logs in with his/her credentials (user name and password) after deletion of that specific user. As we do not have a means to connect to the Geoserver we cannot permanently delete users or manage users through Geoserver user management.  Please provide us with the procedure of linking to the Geoserver instance so we can manage users. |
|  | ROLE\_CIDE\_COORDINATOR | Inspection date adjustment | Fail  Fail 14.6. | It is possible only when inspection is added.  Inspectors suggested (if possible) to change date because actual supervision may deviate from the plan. Please, comment this request.    Note 14.6.2019. Information required weather proposed functionality can be done. |
|  | ROLE\_CIDE\_COORDINATOR | Upload of documents | Fail  Fail 14.6. | Only one document can be uploaded in “Zapisnik”. It was required at least three of them on meeting on 29th of May 2019.  Note 14.6.2019. Information required if three documents can be uploaded. |
|  | ROLE\_CIDE\_ICZ | Date change disabled | Pass?  Pass? 14.6. | Should inspector have rights to change assigned data of inspection?  Suggestion is that inspectors are able to change the date of inspection. Please, comment.  Note 14.6.2019. Information required is it possible to change the date of inspection. |
|  | ROLE\_CIDE\_ICZ | Upload of pdf document | Fail  Fail 14.6. | There can be uploaded just one document.  The application should be able to attach at least three documents, as agreed on the last meeting.  Only pdf can be uploaded. That is OK.    Note 14.6.2019. Information required about uploading of three pdf files. |
|  | ROLE\_CIDE\_ICZ | Deleting document | Fail  Fail 14.6. | Inspector can′t delete uploaded document. This should be enabled.    Note 14.6.2019. Information required how uploaded document can be deleted. |
|  | ROLE\_CIDE\_ICZ | Data on inspection score | Fail  Fail 14.6. | Data on inspection score are missing inside CIDE. Inspector score is only visible in BIFISIC.  Note 14.6.2019. Information required why inspector score is not visible to inspectors. |
|  | ROLE\_CIDE\_ICZ | Data entering control | Fail  Fail 14.6. | There is no control when SMS criteria are actually finished. Inspector can change it whenever he wants. This should not be possible.  Note 14.6.2019. Information required if it is possible to have information when SMS is finished. |
|  | ROLE\_CIDE\_ICZ | Data for “Organizacija” | Fail  Fail 14.6. | There are no data for “Organizacija”. It should be written “Ministarstvo unutarnjih poslova Ravnateljstvo civilne zaštite”.    Note 14.6.2019. Information required how to change the name of organisation. |
|  | ROLE\_CIDE\_ICZ | Text entry for „Optužni prijedlog/prekršajni nalog“ | Fail | Text entry into „Optužni prijedlog/prekršajni nalog“ should be available for both cases, “da” and “ne”. |
|  | ROLE\_CIDE\_ICZ | Addition of deadline (“rok”) | Fail | Suggestion is to enable date format dd/mm/yyyy (day/month/year) |
|  | ROLE\_CIDE\_ICZ | Date “Ažurirano” | Fail | Suggestion is to enable date format dd/mm/yyyy (day/month/year) |
|  | List of establishments “Područja postrojenja” | Enabled search by OIB and name of establishment  “Traži po imenu ili OIB-u” | Fail  Fail 14.6. | Note: operators, addresses and cities can′t be searched. The operators name should be included also in search if possible.      Note 14.6. Please provide information if this is possible. | |
|  | List of establishments “Područja postrojenja” | Number of establishments “Područja postrojenja” from REDS/RRMA db | Fail  Fail 14.6. | Note: Updated notification in REDS/RRMA are duplicated in the list of establishments “Područja postrojenja”, such as HEP, TE-TO Sisak, HEP, TE-TO Osijek. There must be only one record for each establishment.    Note 14.06.2019. Establishments are duplicated.    Only one record should be present. | |
|  |  | Correct name of “protupožarna inspkecija” | Fail  Fail 14.6. | The term “protupožarna inspkecija” should be corrected into “protupožarna inspekcija”.  Note: should be corrected. | |
|  |  | Correct names of Institutions | Fail  Fail 14.6 | Name of institutions should be in Croatian. The name of institution for ICZ/Inspekcije civilne zaštite” is missing and should be: „Ministsrstvo unutarnjih poslova Ravnateljstvo civilne zaštite“.  Note 14.6.2019. This should be corrected. Please provide us a procedure how to do that. | |
|  |  | List of establishments update | Fail  Fail  26.6. | Still possible only manually. Also, a duplicated records were found.  Note 26.6.2019.: The update of establishment is automatically, but incorrect. Only the last report should be update in order to avoid duplication of records. | |

### Test on user administration

| **Test seq. ID** | **Action performed** | **Expected results** | **Pass / Fail** | **Note (in the case of „Fail“)** |
| --- | --- | --- | --- | --- |
| 1. 3. | ROLE\_CIDE\_ADMIN | Deletion of user roles | Fail | We discovered during testing that for the same user name more than one role can be assigned. Should that be disabled?  After assignment of multiple roles (e.g. ROLE\_CIDE\_ADMIN, ROLE\_CIDE\_COORDINATOR, ROLE\_CIDE\_ENV, ROLE\_CIDE\_ZP) and subsequent deletion of user roles (deletion of records in the table **cide\_person\_role** and cide\_person using pgAdmin) we found it is not possible to remove all the roles assigned to a specific user.  There is always one role (the last role) which cannot be deleted and the user reappears after he/she logs in with the valid user credentials. |
| 1. 4. | ROLE\_CIDE\_ADMIN | Creation of user roles (multiple roles – one user) | Fail | Coordinator - assign inspections. If the coordinator participates in the inspection, usually as environmental inspector, he has to request a new account. Can it have two roles with the same user name? Do we have to create a new username for each role?  It was concluded by testing that roles can be added to a specific user only in a certain order for them to be written/visible in the database, otherwise application does not save new role assignment at all. We can add a role which is alphabetically higher than the **previously** **assigned (and accepted)** role (e.g. first assigned role is ROLE\_CIDE\_**P**OLJ, second assigned role is ROLE\_CIDE\_**I**GOK = *visible in the* ***cide\_person\_role*** *table*).  If the role assigned is alphabetically lower (e.g. first assigned role is ROLE\_CIDE\_**P**OLJ, second assigned role is ROLE\_CIDE\_**R**UD = *not visible* *in the* ***cide\_person\_role*** *table*).  If the user has multiple roles the alphabetically highest role (same as the last valid input saved in the database, ***cide\_person\_role table***) will shadow all the rest roles assigned to that specific user. There is no way to activate/deactivate them individually. Does the column “dissmised” (type boolean) in the “cide\_person” table deactivate/activate specific user or it does not have any functionality except for recording which user/username is not active/used any more or is currently active/in use?  Is there a possibility of using Geoserver user management to activate/deactivate users without deleting them?  Testing sequence for user **bojan\_roles** (id\_person=69):   1. ROLE\_CIDE\_**P**OLJ – Agriculture - added 2. ROLE\_CIDE\_**R**UD – Mine - **not added** 3. ROLE\_CIDE\_**I**GOK – Toxic - added 4. ROLE\_CIDE\_**I**ED – Emissions - added 5. ROLE\_CIDE\_**E**ONTO – Waste - added 6. ROLE\_CIDE\_**I**CZ – Protection - **not added**   ROLE\_CIDE\_**E**L – Electric - added |
| 1. 5. | ROLE\_CIDE\_COORDINATOR | Creation of Coordinated inspections and specific inspections | Fail | It is possible to create Coordinated inspections and specific inspections, for each coordinated inspection, but there is a problem with the assignment of specific inspections to a designated inspector.  The application does not have an option for the assignment of a specific inspection (type) to the specific inspector. This can be done only on the database level where in the “cide\_specific\_inspection” table one has to change the “id\_person\_role” accordingly (e.g. id\_person\_role which corresponds to a specific person with a specific “id\_role”/”id\_inspection\_type”).  The second problem resides in the fact that if the user has more than one role (e.g. **ROLE\_CIDE\_EL**, ROLE\_CIDE\_IED, ROLE\_CIDE\_RUD) then the alphabetical higher role (**ROLE\_CIDE\_EL**) will be used and the type of the specific inspection will be **overwritten** to that role type even though the starting specific inspection type (which the coordinator assigned) was something else.  Third problem is that when opening new specific inspection type this will be assigned to the first existing instance of “**id\_person\_role**” which has the corresponding inspection type (e.g. new specific inspection is EL/Electroenergy inspection which corresponds to the id\_inspection\_type **8** in the “**cide\_specific\_inspection\_type**” for which the first instance in the table “**cide\_person\_role**” is id=481713 of the “**cide\_electric**” username).  If one wants to assign the specific inspection for some other (new) user with the same role we need to change the id\_person\_role to the corresponding user/role combination, otherwise there is no way of designating that specific inspection to this specific user (it will always be assigned to the first instance of person/role combination).  This implies that only one instance of each role needs to be present in the database (table), which means for each role we need to create separate user (one-to-one relation) and that one-to-many relation (one user with multiple roles) is **not supported** through this application. |
| 1. 5. | ROLE\_CIDE\_ADMIN | Password change | Fail | The input box placeholders are incorrectly labelled (see visual explanation; Photo 3. – Incorrect view/labels, photo 4. Correct view/labels). |
| 1. 6. | ROLE\_CIDE\_#*inspector* | Password change | Fail | If the user changes the password it **is possible to login with the old password**. The new password also works but there is no point in leaving the possibility of using the old password. We need to change the password two times in a row with the same new password to disable the old one. |

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