THE FIREBASE REALTIME DATABASE

A screenshot of a social media post

Description automatically generated

* Relation:
* Description:

|  |  |  |
| --- | --- | --- |
| Doctor uid   |  |  | | --- | --- | | Patient uid | Patient name | |

This data branch for saving each doctor with his connected patients, so it uses the doctor’s uid (UNIQUE) to define him.

* ACCESS RULES:

|  |  |
| --- | --- |
| Write | Authenticated user as a patient. |
| Read | Authenticated user as a doctor. |

* Doctors:
* Description:

|  |
| --- |
| Doctor uid |
| Doctor name |

This data branch has all the authenticated doctors.

* ACCESS RULES:

|  |  |
| --- | --- |
| Write | Authenticated user as a doctor. |
| Read | Authenticated user as a patient to choose who to follow. |

* Forms:
* Description:

|  |  |
| --- | --- |
| Doctor id   |  | | --- | | His Published Forms | |

This branch saves all the forms that each doctor publishes.

* ACCESS RULES:

|  |  |
| --- | --- |
| Write | Authenticated user as a doctor to publish it. |
| Read | Only the patients who follow the owner of the form. |

* FormsResult:
* Description:

|  |  |
| --- | --- |
| Patient uid   |  | | --- | | The Forms’ Answers | |

This branch shows the answers of the patients for their doctor’s form

* ACCESS RULES:

|  |  |
| --- | --- |
| Write | Authenticated user as a patient to publish his response. |
| Read | Only the doctor who monitor that patient state. |

* Data Diagram:

A close up of a map

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