# Description of existing Database Objects

## Tables and relations

The tables are

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Nr | Table name | description | origin | Relation to | Remark |
| 1 | tbl\_elc\_struc1 | Structure of elc | Excel sheet | tbl\_person | Structure as far as it is known |
| 2 | tbl\_elc\_cong\_codes | Structure of ELC as it is | Excel sheet from Zebedy |  | Structure for the future |
| 3 | tbl\_admin\_struc1 | Politic structure province, district, LLG as in sheet | Excel sheet |  | Structure as far as it is known |
| 4 | tbl\_admin\_structure | Politic structure province, district, LLG as found in internet | research |  | Structure for the future |
| 5 | tbl\_dependants | Information about dependants (e.g. sons and daughters) | Excel sheet |  |  |
| 6 | tbl\_dep\_pers\_rel | Relation between person and dependants 1:m | created |  |  |
| 7 | tbl\_service\_area | Areas and history of service | Excel sheet |  |  |
| 8 | tbl\_svc\_pers\_rel | Relation between person and the related services areas 1:m | created |  |  |
| 9 | tbl\_spouse | Spouses of ersons 1:1 | Excel sheet |  |  |
| 10 | tbl\_person | Basic information about pastors etc. and relations to other tables | Excel sheet |  |  |

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|  |

# The tables:

## tbl\_person

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column name** | **Datatype and length** | **Not Null/default value** | **Info** | **Description** |
| pers\_id | integer | NOT NULL DEFAULT |  | Unique ID and Primary key |
| pers\_title | character varying(25) | |  | Title (e.g. Pastor) |
| pers\_given\_name | character varying(25) | |  |  |
| pers\_baptism\_name | character varying(25) | |  |  |
| pers\_middle\_name | character varying(65) | |  |  |
| pers\_surname | character varying(25) | |  |  |
| pers\_date\_of\_birth | Date |  |  |  |
| pers\_height | numeric(3,0) |  |  | In cm |
| pers\_weight | numeric(3,0) |  |  | In Kg |
| pers\_blood | character varying(10) | |  |  |
| pers\_eye\_color | character varying(25) | |  |  |
| pers\_skincomplexion | character varying(25) | |  |  |
| pers\_nationality | character varying(10) | PNG |  |  |
| pers\_disabilitie | character varying(25) | |  |  |
| pers\_marital\_status | character varying(30) | |  |  |
| speaking\_english | numeric(1,0) |  |  | From 1 to 3 |
| writing\_english | numeric(1,0) |  |  |  |
| speaking\_tok\_pisin | numeric(1,0) |  |  |  |
| writing\_tok\_psin | numeric(1,0) |  |  |  |
| speaking\_jabem | numeric(1,0) |  |  |  |
| writing\_jabem | numeric(1,0) |  |  |  |
| speaking\_kotec | numeric(1,0) |  |  |  |
| writing\_kotec | numeric(1,0) |  |  |  |
| speaking\_notu | numeric(1,0) |  |  |  |
| writing\_notu | numeric(1,0) |  |  |  |
| pers\_spouse\_id | Integer |  |  | Relation to spouse table |
| pers\_created\_at | Date | now() |  | Date of creation Set automatically to actual date if not filled |
| pers\_admin\_struc1 | Integer |  |  | Relation to admin structure table |
| pers\_admin\_elc\_struc1 | integer |  |  | Relation to elc structure table |
| pers\_school\_id | integer |  |  | Relation to tbl\_school |

Constraints

* CONSTRAINT tbl\_person\_pkey PRIMARY KEY (pers\_id)
* CONSTRAINT tbl\_person\_pers\_admin\_struc1\_key UNIQUE (pers\_admin\_struc1)
* CONSTRAINT pers\_admin\_elc\_struc1\_key UNIQUE (pers\_admin\_elc\_struc1)

## tbl\_admin\_struc1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column name** | **Datatype and length** | **Not Null/default value** | **Info** | **Description** |
| admin\_id | integer | Not null | Id related to person |  |
| admin\_province | character varying(25) |  |  |  |
| admin\_district | character varying(30) |  |  |  |
| admin\_llg | character varying(35) |  |  |  |
| admin\_ward | character varying(15) |  |  | Should be number |
| admin\_village | character varying(25) |  |  |  |
| admin\_tribe | character varying(25) |  |  |  |
| admin\_clan | character varying(25) |  |  |  |

* CONSTRAINT tbl\_admin\_struc1\_pkey PRIMARY KEY (admin\_id)
* CONSTRAINT tbl\_admin\_struc1\_admin\_id\_fkey FOREIGN KEY (admin\_id) REFERENCES public.tbl\_person (pers\_admin\_struc1)

## tbl\_banking

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column name** | **Datatype and length** | **Not Null/default value** | **Info** | **Description** |
| ba\_pers\_id | integer | Not null | Id related to person |  |
| ba\_bank | character varying(30) |  |  |  |
| ba\_account\_name | character varying(30) |  |  |  |
| ba\_account\_nr | number(15) |  |  |  |
| ba\_nas\_fund | number(15) |  |  |  |
| ba\_eda\_supa | number(15) |  |  |  |
| ba\_other | character varying(40) |  |  |  |

* CONSTRAINT tbl\_banking\_pkey PRIMARY KEY (ba\_pers\_id)
* CONSTRAINT tbl\_banking\_ba\_pers\_id\_fkey FOREIGN KEY (ba\_pers\_id) REFERENCES public.tbl\_person (pers\_id)

## tbl\_dep\_pers\_rel

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Column name** | **Datatype and length** | **Not Null/default value** | **Info** | **Description** | | rel\_pers\_id | integer | Not Null |  | Id related to person | | rel\_dep\_id | integer | Not Null |  | Id related to dependent | | rel\_order | integer | Not Null |  | For more than one dependent this gives the order (1. Son, second son…) | |  |  |  |  |

* CONSTRAINT tbl\_dep\_pers\_rel\_pkey PRIMARY KEY (rel\_pers\_id, rel\_dep\_id, rel\_order)
* CONSTRAINT tbl\_dep\_pers\_rel\_rel\_dep\_id\_fkey FOREIGN KEY (rel\_dep\_id) REFERENCES public.tbl\_dependants (dep\_id)
* CONSTRAINT tbl\_dep\_pers\_rel\_rel\_pers\_id\_fkey FOREIGN KEY (rel\_pers\_id) REFERENCES public.tbl\_person (pers\_id)

## tbl\_dependants

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column name** | **Datatype and length** | **Not Null/default value** | **Info** | **Description** |
| dep\_id | integer | Not null |  | Relation to tbl\_dep\_pers\_rel |
| dep\_name | character varying(25) |  |  |  |
| dep\_sex | Character(1) |  |  | F or M |
| dep\_dob | character varying(15) |  | Should be date in future if data are in this format |  |
| dep\_relation | character varying(15) |  |  | Son, Daughter or |
| dep\_diability | character varying(25) |  |  |  |

* CONSTRAINT "Dependants\_pkey" PRIMARY KEY (dep\_id)

## tbl\_elc\_struc1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column name** | **Datatype and length** | **Not Null/default value** | **Info** | **Description** |
| es\_id | integer | Not Null |  |  |
| es\_district | character varying(30) |  |  |  |
| es\_circuit | character varying(30) |  |  |  |
| es\_parish | character varying(30) |  |  |  |
| es\_congregation | character varying(30) |  |  |  |

* CONSTRAINT tbl\_elc\_struc1\_pkey PRIMARY KEY (es\_id)
* CONSTRAINT tbl\_elc\_struc1\_es\_id\_fkey FOREIGN KEY (es\_id) REFERENCES public.tbl\_person (pers\_id)

## tbl\_emergency\_contact

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Datatype and length** | **Not Null/default value** | **Info** |
| em\_id | integer | Not Null |  |
| em\_first\_name | character varying(30) |  |  |
| em\_surname | character varying(30) |  |  |
| em\_ralation | character varying(60) |  |  |
| em\_phone | character varying(25) |  |  |
| em\_email\_address | character varying(35) |  |  |
| em\_address | character varying(60) |  |  |

* CONSTRAINT tbl\_mergency\_contact\_pkey PRIMARY KEY (em\_id),
* CONSTRAINT tbl\_mergency\_contact\_em\_id\_fkey FOREIGN KEY (em\_id) REFERENCES public.tbl\_person (pers\_id)

## tbl\_pers\_school\_rel

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Datatype and length** | **Not Null/default value** | **Info** |
| rel\_pers\_id | integer | Not Null | Id of person |
| rel\_sch\_id | integer | Not Null | Id of school in tbl\_school |
| rel\_order\_nr | integer | Not Null | Give the order the person visited school etc. |

* CONSTRAINT tbl\_pers\_school\_rel\_pkey PRIMARY KEY (rel\_pers\_id, rel\_sch\_id, rel\_order\_nr)

## tbl\_residence

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column name** |  | **Datatype and length** | **Not Null/default value** | **Info** |
| res\_address |  | character varying(50) |  |  |
| res\_house |  | character varying(25) |  |  |
| res\_email |  | character varying(25) |  |  |
| res\_digicel |  | character varying(30) |  |  |
| res\_bmobile |  | character varying(30) |  |  |
| res\_vodafone |  | character varying(30) |  |  |
| res\_social\_media |  | character varying(60) |  |  |
| res\_pers\_id |  | integer | Not Null | Relation to tbl\_person |

* CONSTRAINT tbl\_residence\_pkey PRIMARY KEY (res\_pers\_id),
* CONSTRAINT tbl\_residence\_res\_pers\_id\_fkey FOREIGN KEY (res\_pers\_id) REFERENCES public.tbl\_person (pers\_id)

## tbl\_school

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Datatype and length** | **Not Null/default value** | **Info** |
| school\_pers\_id | integer | Not Null | Relation to tblPerson |
| school\_name | character varying(60 |  |  |
| school\_level | character varying(40) |  |  |
| school\_year | character varying(40) |  |  |
| school\_tertiary | character varying(120) |  |  |
| school\_course\_study | character varying(60) |  |  |
| school\_years\_study | character varying(60) |  |  |
| school\_year\_gratuated | character varying(80) |  |  |
| school\_attainment | character varying(80) |  |  |
| school\_other\_training | character varying(120) |  |  |
| school\_duration | character varying(60) |  |  |
| school\_start\_end) | character varying(60 |  |  |
| school\_institu\_trainer | character varying(120) |  |  |
| school\_other\_attainment | character varying(60) |  |  |
| school\_id | integer | NOT NULL |  |

* CONSTRAINT tbl\_school\_pkey PRIMARY KEY (school\_id),
* CONSTRAINT tbl\_school\_school\_pers\_id\_fkey FOREIGN KEY (school\_pers\_id)     REFERENCES public.tbl\_person (pers\_id)

tbl\_service\_area