**DOCUMENTO DE MODELO**

**DE DATOS**

**TU APP RECICLA**

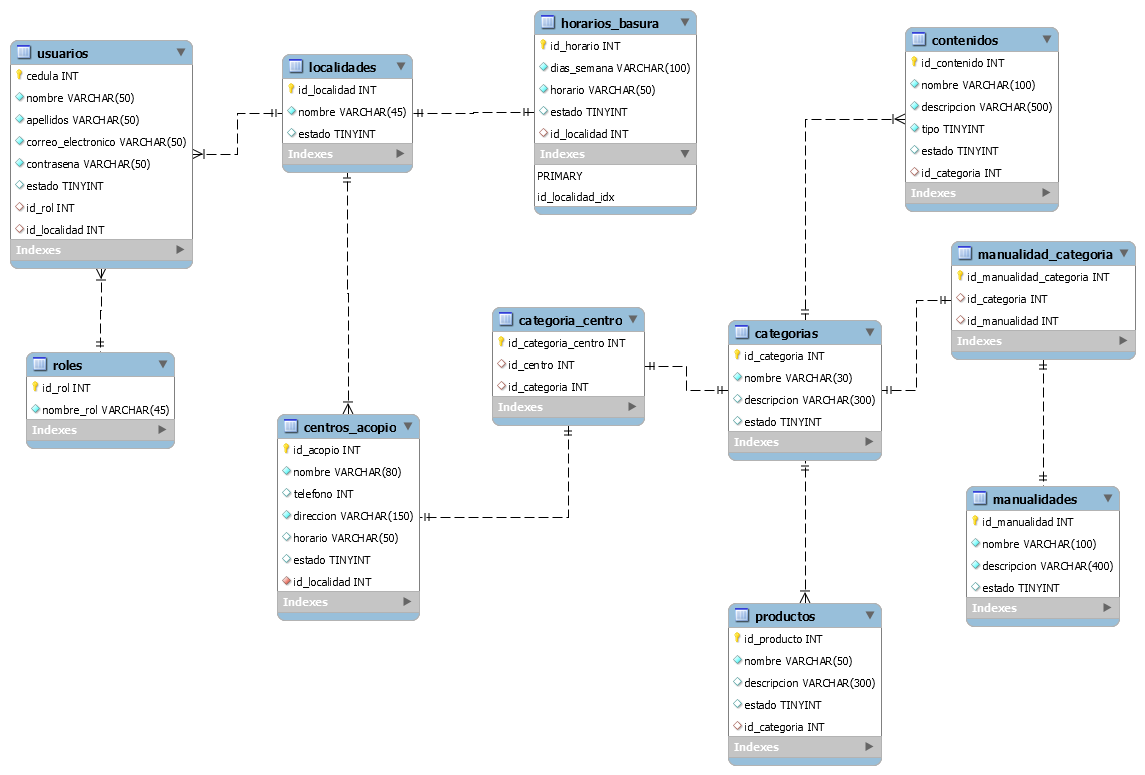
**John Alexander Pineda**

**Lina María Cortés**

**Historia de revisiones**

|  |  |  |  |
| --- | --- | --- | --- |
| **Fecha** | **Versión** | **Descripción** | **Autor** |
| **13/08/18** | **0.1** | **Descripción de requisitos funcionales y no funcionales** | **Lina Cortés** |

**MODELO ENTIDAD RELACIÓN**

****

**DICCIONARIO DE DATOS**

## categoria\_centro

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Columna | Tipo | Nulo | Predeterminado | Comentarios |
| id\_categoria\_centro | int(11) | No |  |  |
| id\_centro | int(11) | Sí | *NULL* |  |
| id\_categoria | int(11) | Sí | *NULL* |  |

### Índices

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| --- | --- | --- | --- | --- | --- | --- |
| Nombre de la clave | Tipo | Único | Columna | Cardinalidad | Cotejamiento | Nulo |
| PRIMARY | BTREE | Sí | id\_categoria\_centro | 0 | A | No |
| id\_categoria | BTREE | No | id\_categoria | 0 | A | Sí |
| id\_centro | BTREE | No | id\_centro | 0 | A | Sí |

## categorias

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Columna | Tipo | Nulo | Predeterminado | Comentarios |
| id\_categoria | int(11) | No |  |  |
| nombre | varchar(30) | No |  |  |
| descripcion | varchar(300) | Sí | *NULL* |  |
| color | varchar(50) | No |  |  |
| estado | tinyint(4) | Sí | 1 |  |

### Índices

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| --- | --- | --- | --- | --- | --- | --- |
| Nombre de la clave | Tipo | Único | Columna | Cardinalidad | Cotejamiento | Nulo |
| PRIMARY | BTREE | Sí | id\_categoria | 10 | A | No |

## centros\_acopio

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Columna | Tipo | Nulo | Predeterminado | Comentarios |
| id\_acopio | int(11) | No |  |  |
| nombre | varchar(80) | No |  |  |
| telefono | int(11) | Sí | *NULL* |  |
| direccion | varchar(150) | No |  |  |
| horario | varchar(50) | Sí | *NULL* |  |
| estado | tinyint(4) | Sí | 1 |  |
| id\_localidad | int(11) | No |  |  |

### Índices

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| --- | --- | --- | --- | --- | --- | --- |
| Nombre de la clave | Tipo | Único | Columna | Cardinalidad | Cotejamiento | Nulo |
| PRIMARY | BTREE | Sí | id\_acopio | 0 | A | No |
| id\_localidad | BTREE | No | id\_localidad | 0 | A | No |

## contenidos

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Columna | Tipo | Nulo | Predeterminado | Comentarios |
| id\_contenido | int(11) | No |  |  |
| nombre | varchar(100) | No |  |  |
| descripcion | varchar(500) | No |  |  |
| tipo | tinyint(4) | No |  |  |
| estado | tinyint(4) | Sí | 1 |  |
| id\_categoria | int(11) | Sí | *NULL* |  |

### Índices

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| --- | --- | --- | --- | --- | --- | --- |
| Nombre de la clave | Tipo | Único | Columna | Cardinalidad | Cotejamiento | Nulo |
| PRIMARY | BTREE | Sí | id\_contenido | 0 | A | No |
| id\_categoria | BTREE | No | id\_categoria | 0 | A | Sí |

## horarios\_basura

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Columna | Tipo | Nulo | Predeterminado | Comentarios |
| id\_horario | int(11) | No |  |  |
| dias\_semana | varchar(100) | No |  |  |
| horario | varchar(50) | No |  |  |
| estado | tinyint(4) | Sí | 1 |  |
| id\_localidad | int(11) | Sí | *NULL* |  |

### Índices

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| --- | --- | --- | --- | --- | --- | --- |
| Nombre de la clave | Tipo | Único | Columna | Cardinalidad | Cotejamiento | Nulo |
| PRIMARY | BTREE | Sí | id\_horario | 0 | A | No |
| id\_localidad | BTREE | No | id\_localidad | 0 | A | Sí |

## localidades

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Columna | Tipo | Nulo | Predeterminado | Comentarios |
| id\_localidad | int(11) | No |  |  |
| nombre | varchar(45) | No |  |  |
| estado | tinyint(4) | Sí | 1 |  |

### Índices

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| --- | --- | --- | --- | --- | --- | --- |
| Nombre de la clave | Tipo | Único | Columna | Cardinalidad | Cotejamiento | Nulo |
| PRIMARY | BTREE | Sí | id\_localidad | 0 | A | No |

## manualidad\_categoria

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Columna | Tipo | Nulo | Predeterminado | Comentarios |
| id\_manualidad\_categoria | int(11) | No |  |  |
| id\_categoria | int(11) | Sí | *NULL* |  |
| id\_manualidad | int(11) | Sí | *NULL* |  |

### Índices

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| --- | --- | --- | --- | --- | --- | --- |
| Nombre de la clave | Tipo | Único | Columna | Cardinalidad | Cotejamiento | Nulo |
| PRIMARY | BTREE | Sí | id\_manualidad\_categoria | 0 | A | No |
| id\_categoria | BTREE | No | id\_categoria | 0 | A | Sí |
| id\_manualidad | BTREE | No | id\_manualidad | 0 | A | Sí |

## manualidades

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Columna | Tipo | Nulo | Predeterminado | Comentarios |
| id\_manualidad | int(11) | No |  |  |
| nombre | varchar(100) | No |  |  |
| descripcion | varchar(400) | No |  |  |
| estado | tinyint(4) | Sí | 1 |  |

### Índices

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| Nombre de la clave | Tipo | Único | Columna | Cardinalidad | Cotejamiento | Nulo |
| PRIMARY | BTREE | Sí | id\_manualidad | 0 | A | No |

## productos

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Columna | Tipo | Nulo | Predeterminado | Comentarios |
| id\_producto | int(11) | No |  |  |
| nombre | varchar(50) | No |  |  |
| descripcion | varchar(300) | Sí | *NULL* |  |
| estado | tinyint(4) | Sí | 1 |  |
| id\_categoria | int(11) | Sí | *NULL* |  |

### Índices

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| --- | --- | --- | --- | --- | --- | --- |
| Nombre de la clave | Tipo | Único | Columna | Cardinalidad | Cotejamiento | Nulo |
| PRIMARY | BTREE | Sí | id\_producto | 10 | A | No |
| id\_categoria | BTREE | No | id\_categoria | 10 | A | Sí |

## roles

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Columna | Tipo | Nulo | Predeterminado | Comentarios |
| id\_rol | int(11) | No |  |  |
| nombre\_rol | varchar(45) | No |  |  |

### Índices

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| --- | --- | --- | --- | --- | --- | --- |
| Nombre de la clave | Tipo | Único | Columna | Cardinalidad | Cotejamiento | Nulo |
| PRIMARY | BTREE | Sí | id\_rol | 4 | A | No |

## usuarios

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Columna | Tipo | Nulo | Predeterminado | Comentarios |
| cedula | int(11) | No |  |  |
| nombre | varchar(50) | No |  |  |
| apellidos | varchar(50) | No |  |  |
| correo\_electronico | varchar(50) | No |  |  |
| contrasena | varchar(50) | No |  |  |
| estado | tinyint(4) | Sí | 1 |  |
| id\_rol | int(11) | Sí | *NULL* |  |
| id\_localidad | int(11) | Sí | *NULL* |  |

### Índices

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| --- | --- | --- | --- | --- | --- | --- |
| Nombre de la clave | Tipo | Único | Columna | Cardinalidad | Cotejamiento | Nulo |
| PRIMARY | BTREE | Sí | cedula | 2 | A | No |
| id\_rol | BTREE | No | id\_rol | 2 | A | Sí |
| id\_localidad | BTREE | No | id\_localidad | 2 | A | Sí |