DATA DICTIONARY

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Filename:** | traceability\_system | | | | | | | |
| **Relation:** | account | | | | | | | |
| **Relative To:** | position, security\_question,city | | | | | | | |
| **FieldName** | **Data Type** | **Width** | **Format** | **E** | **U** | **M** | **Description** | **Prompt** |
| account\_id | int | 6 | 999…. |  | √ | √ | Primary key of account |  |
| first\_name | varchar | 50 | aaa… | √ |  | √ | First name of the account. | First name |
| middle\_name | varchar | 50 | aaa… | √ |  | √ | Middle name of the account. | Middle name |
| last\_name | varchar | 50 | aaa… | √ |  | √ | Last name of the accout. | Last name |
| street | varchar | 70 | aaa…. |  |  | √ | Street of the account | Street |
| barangay | varchar | 70 | aaa… | √ |  | √ | Barangay of the account | Barangay |
| city\_id | int | 6 | 999…. |  | √ | √ | City of the account | City |
| contact\_number | varchar | 20 | (999) 999-999.. | √ |  | √ | Contact number of the account | Contact number |
| email\_address | varchar | 50 | aaa… | √ |  | √ | Email address of the account | Email address |
| position\_id | int | 6 | aaa… | √ |  | √ | Position of the account | Position |
| username | varchar | 10 | aaa… | √ |  | √ | Username of the account | Username |
| password | varchar | 32 | aaa… | √ |  | √ | Password of the account | Password |
| security\_question\_id | int | 6 | 999… |  |  | √ | Security question of the account | Security question |
| answer | varchar | 30 | aaa… |  |  | √ | Answer of the account | Security answer |

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| **Filename:** | traceability\_system | | | | | | | |
| **Relation:** | position | | | | | | | |
| **Relative To:** | account | | | | | | | |
| **FieldName** | **Data Type** | **Width** | **Format** | **E** | **U** | **M** | **Description** | **Prompt** |
| position\_id | int | 11 | 999…. |  | √ | √ | Primary key of this position |  |
| description | varchar | 50 | aaa… | √ |  | √ | description of position | position |

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| **Filename:** | traceability\_system | | | | | | | |
| **Relation:** | security\_question | | | | | | | |
| **Relative To:** | account | | | | | | | |
| **FieldName** | **Data Type** | **Width** | **Format** | **E** | **U** | **M** | **Description** | **Prompt** |
| security\_question\_id | int | 11 | 999…. |  | √ | √ | Primary key of security question |  |
| security\_question | varchar | 100 | aaa… | √ |  | √ | Security question | Security question |

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| **Filename:** | traceability\_system | | | | | | | |
| **Relation:** | worker | | | | | | | |
| **Relative To:** | position, security\_question | | | | | | | |
| **FieldName** | **Data Type** | **Width** | **Format** | **E** | **U** | **M** | **Description** | **Prompt** |
| worker\_id | int | 6 | 999…. |  | √ | √ | Primary key of worker |  |
| first\_name | varchar | 50 | aaa… | √ |  | √ | First name of the worker. | First name |
| middle\_name | varchar | 50 | aaa… | √ |  | √ | Middle name of the worker. | Middle name |
| last\_name | varchar | 50 | aaa… | √ |  | √ | Last name of the worker. | Last name |
| gender | char | 1 | 9 |  |  | √ | Gender of the worker | Gender |
| age | Int | 2 | 99 | √ |  | √ | Age of the worker | Age |
| elementary | varchar | 70 | aaa… | √ |  | √ | Educational attainment | Elementary |
| highschool | varchar | 70 | aaa… | √ |  | √ | Educational attainment | High School |
| college | varchar | 70 | aaa… | √ |  | √ | Educational attainment | College |
| undergraduate | Varchar | 70 | aaa… | √ |  | √ | Educational attainment | Undergraduate |
| vocational | Varchar | 70 | aaa… | √ |  | √ | Educational attainment | Vocational |
| skills | varchar | 70 | aaa… | √ |  |  | Educational attainment | Skills |
| street | varchar | 70 | aaa…. | √ |  | √ | Street of the worker | Street |
| barangay | varchar | 70 | aaa… | √ |  | √ | Barangay of the worker | Barangay |
| city\_id | int | 11 | 999… | √ |  |  |  | City |
| contact\_number | varrchar | 20 | (999) 999-999.. | √ |  | √ | Contact number of the worker | Contact number |
| email\_address | varchar | 50 | aaa… | √ |  | √ | Email address of the worker | Email address |
| position\_id | int | 11 | 999… | √ |  | √ | Position of the worker | Position |

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| **Filename:** | traceability\_system | | | | | | | |
| **Relation:** | province | | | | | | | |
| **Relative To:** | city | | | | | | | |
| **FieldName** | **Data Type** | **Width** | **Format** | **E** | **U** | **M** | **Description** | **Prompt** |
| province\_id | int | 6 | 999…. |  | √ | √ | Primary key of worker |  |
| province | varchar | 30 | aaa… | √ |  | √ | province | province |

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| **Filename:** | traceability\_system | | | | | | | |
| **Relation:** | city | | | | | | | |
| **Relative To:** | province, account, growers\_record, worker | | | | | | | |
| **FieldName** | **Data Type** | **Width** | **Format** | **E** | **U** | **M** | **Description** | **Prompt** |
| city\_id | int | 6 | 999…. |  | √ | √ | Primary key of city |  |
| city | varchar | 30 | aaa… | √ |  | √ | city | city |

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| **Filename:** | traceability\_system | | | | | | | |
| **Relation:** | growers\_record | | | | | | | |
| **Relative To:** | city, num\_match, color\_code, bagging\_tagging, risk\_containment, price, harvest, income | | | | | | | |
| **FieldName** | **Data Type** | **Width** | **Format** | **E** | **U** | **M** | **Description** | **Prompt** |
| growers\_record\_id | int | 11 | 999…. |  | √ | √ | Primary key of growers record |  |
| name | varchar | 50 | aaa… | √ |  | √ | Name of the growers | Name |
| street | varchar | 70 | aaa…. | √ |  | √ | Street of the growers | Street |
| barangay | varchar | 70 | aaa… | √ |  | √ | Barangay of the growers | Barangay |
| city\_id | int | 6 | 999…. | √ |  | √ | City of the growers | City |
| color\_code\_id | int | 11 | 999…. | √ |  | √ | Color code of the growers | Color code |
| containment\_id | int | 11 | 999…. | √ |  | √ | Risk of the contaiment | Risk of the containment |
| price\_id | int | 11 | 999… | √ |  | √ | Price | Price |
| date\_create | date |  | dd/mm/yyyy | √ |  | √ | Date created of the growers | Date created |

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| **Filename:** | traceability\_system | | | | | | | |
| **Relation:** | num\_match | | | | | | | |
| **Relative To:** | growers\_record | | | | | | | |
| **FieldName** | **Data Type** | **Width** | **Format** | **E** | **U** | **M** | **Description** | **Prompt** |
| num\_match\_id | int | 11 | 999…. |  | √ | √ | Primary key of num\_match |  |
| growers\_record\_id | int | 50 | 999… | √ |  | √ | Foreign key of the num\_match from the growers\_record | Growers record |
| number\_match | int | 11 | 999… | √ |  | √ | Number of match of the growers | Number of match |
| date\_updated | date |  | dd/mm/yyyy | √ |  | √ | Date updated | Date updated |

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| **Filename:** | traceability\_system | | | | | | | |
| **Relation:** | color\_code | | | | | | | |
| **Relative To:** | growers\_record | | | | | | | |
| **FieldName** | **Data Type** | **Width** | **Format** | **E** | **U** | **M** | **Description** | **Prompt** |
| color\_code\_id | int | 11 | 999…. |  | √ | √ | Primary key of account |  |
| color\_code | varchar | 70 | aaa… | √ |  | √ | Color code of the growers | Color code |

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| **Filename:** | traceability\_system | | | | | | | |
| **Relation:** | containment | | | | | | | |
| **Relative To:** | growers\_record | | | | | | | |
| **FieldName** | **Data Type** | **Width** | **Format** | **E** | **U** | **M** | **Description** | **Prompt** |
| containment\_id | int | 11 | 999…. |  | √ | √ | Primary key of account |  |
| containment | varchar | 70 | aaa… | √ |  | √ | Risk of the containment of the growers | containment |

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| **Filename:** | traceability\_system | | | | | | | |
| **Relation:** | bagging\_tagging | | | | | | | |
| **Relative To:** | growers\_record | | | | | | | |
| **FieldName** | **Data Type** | **Width** | **Format** | **E** | **U** | **M** | **Description** | **Prompt** |
| bagging\_tagging\_id | int | 11 | 999…. |  | √ | √ | Primary key of num\_match |  |
| growers\_record\_id | int | 50 | 999… | √ |  | √ | Foreign key of the num\_match from the growers\_record | Growers record |
| bagging\_tagging | int | 11 | 999… | √ |  | √ | Number of match of the growers | Number of match |
| date\_updated | date |  | dd/mm/yyyy | √ |  | √ | Date updated | Date updated |

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| **Filename:** | traceability\_system | | | | | | | |
| **Relation:** | harvest | | | | | | | |
| **Relative To:** | growers\_record | | | | | | | |
| **FieldName** | **Data Type** | **Width** | **Format** | **E** | **U** | **M** | **Description** | **Prompt** |
| harvest\_id | int | 11 | 999…. |  | √ | √ | Primary key of harvest |  |
| growers\_record\_id | int | 50 | 999… | √ |  | √ | Foreign key of the harvest from the growers\_record | Growers record |
| harvest | int | 11 | 999… | √ |  | √ | harvest of the growers | Harvest |
| date\_updated | date |  | dd/mm/yyyy | √ |  | √ | Date updated | Date updated |

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| **Filename:** | traceability\_system | | | | | | | |
| **Relation:** | income | | | | | | | |
| **Relative To:** | growers\_record | | | | | | | |
| **FieldName** | **Data Type** | **Width** | **Format** | **E** | **U** | **M** | **Description** | **Prompt** |
| income\_id | int | 11 | 999…. |  | √ | √ | Primary key of harvest |  |
| growers\_record\_id | int | 50 | 999… | √ |  | √ | Foreign key of the income from the growers\_record | Growers record |
| income | double | 11 | 999… | √ |  | √ | Income of the growers | income |
| date\_updated | date |  | dd/mm/yyyy | √ |  | √ | Date updated | Date updated |

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| **Filename:** | traceability\_system | | | | | | | |
| **Relation:** | price | | | | | | | |
| **Relative To:** | growers\_record | | | | | | | |
| **FieldName** | **Data Type** | **Width** | **Format** | **E** | **U** | **M** | **Description** | **Prompt** |
| price\_id | int | 11 | 999…. |  | √ | √ | Primary key of harvest |  |
| growers\_record\_id | int | 50 | 999… | √ |  | √ | Foreign key of the income from the growers\_record | Growers record |
| price\_description | varchar | 50 | aaa… | √ |  | √ | Price description | Price description |
| price\_value |  |  |  |  |  |  | Price | Price |
| date\_updated | date |  | dd/mm/yyyy | √ |  | √ | Date updated | Date updated |