

**Thai rice project**

**Presented**

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**By**

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1. **Class**



1. **Data property**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Property Name** | **Domain** | **Range** |
| 1 | hasImage | ThaiRice | xsd:string |
| 2 | hasInfo | Environtment | xsd:string |
| 3 | hasProduct | ThaiRice | xsd:int |
| 4 | isPhysicalEngName | Physical | xsd:string |
| 5 | isPhysicalThaiName | Physical | xsd:string |
| 6 | isRiceAdvantageEngName | Advantage | xsd:string |
| 7 | isRiceAdvantageThaiName | Advantage | xsd:string |
| 8 | isRiceAttributeEngName | Attributes | xsd:string |
| 9 | isRiceAttributeThaiName | Attributes | xsd:string |
| 10 | isRiceEngName | ThaiRice | xsd:string |
| 11 | isRiceThaiName | ThaiRice | xsd:string |
| 12 | isRaceLandRaceEng | Landrace | xsd:string |
| 13 | isRaceLandRaceThai | Landrace | xsd:string |
| 14 | isRiceTypeEngName | TypeRice | xsd:string |
| 15 | isRiceTypeThaiName | TypeRice | xsd:string |
| 16 | isRiceRegionThaiName | Region | xsd:string |
| 17 | isRiceRegionEngName | Region | xsd:string |
| 18 | isRiceEnvironmentThaiName | Environment | xsd:string |
| 19 | isRiceEnvironmentEngName | Environment | xsd:string |

1. **Object property**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Object Name** | **Domain** | **Range** |
| 1 | beAdvantage | ThaiRice | Advantage |
| 2 | beAttribute | ThaiRice | Attributes |
| 3 | beEcosystem | Attributes | Ecosystem |
| 4 | beLandrace | ThaiRice | Landrace |
| 5 | beLeaf | ThaiRice | Leaf |
| 6 | beRegion | ThaiRice | Region |
| 7 | beRespond | Attributes | Respond |
| 8 | beSeed | ThaiRice | Seed |
| 9 | beStem | ThaiRice | Stem |
| 10 | beType | ThaiRice | TypeRice |

1. **Instance** 
   1. **Individual class :** ThaiRice

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Individual** | **ThaiName** | **EngName** |
| 1 | Ayutthaya1 | อยุธยา 1 | Ayutthaya1 |
| 2 | BahngTaen | บางแตน | BahngTaen |
|  |  |  |  |

* 1. **Individual class :** TypeRice

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Individual** | **ThaiName** | **EngName** |
| 1 | Barley | ข้าวบาร์เลย์ | Barley rice |
|  |  |  |  |

* 1. **Individual class :** Region

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Individual** | **ThaiName** | **EngName** |
| 1 | All | ทุกภาคที่มีการชลประทานหรือควบคุมระดับน้ำได้และสูงกว่าระดับน้ำทะเล | All region have Irrigation |
|  |  |  |  |

* 1. **Individual class :** Physical/Leaf

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Individual** | **ThaiName** | **EngName** |
| 1 |  |  |  |
|  |  |  |  |
|  |  |  |  |

* 1. **Individual class :** Physical/Seed

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Individual** | **ThaiName** | **EngName** |
| 1 |  |  |  |
|  |  |  |  |

* 1. **Individual class :** Physical/Stem

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Individual** | **ThaiName** | **EngName** |
| 1 |  |  |  |
|  |  |  |  |

* 1. **Individual class :** Landrace

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Individual** | **ThaiName** | **EngName** |
| 1 |  |  |  |
|  |  |  |  |

* 1. **Individual class :** Environment/Ecosystem

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Individual** | **ThaiName** | **EngName** |
| 1 |  |  |  |
|  |  |  |  |

* 1. **Individual class :** Environment/Respond

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Individual** | **ThaiName** | **EngName** |
| 1 |  |  |  |
|  |  |  |  |

* 1. **Individual class :** Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Individual** | **ThaiName** | **EngName** |
| 1 |  |  |  |
|  |  |  |  |

* 1. **Individual class :** Advantage

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Individual** | **ThaiName** | **EngName** |
| 1 |  |  |  |
|  |  |  |  |

1. **SPARQL และ/หรือ SQWRL**
2. **Reference**
   1. **YouTube Present:**
   2. **GitHub Project** : <https://github.com/bom2542/ThaiRice2021-SemanticWeb>
   3. **Information Web :** สำนักวิจัยและพัฒนาข้าว-กรมการข้าว. [ออนไลน์]. เข้าถึงได้จาก : <http://www.ricethailand.go.th/Rkb/>. (วันที่ค้นข้อมูล : 19 มิถุนายน 2564).