**Question One**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **National ID** | **Name** | **DateOfBirth** | **Work\_Email** | **EducationLevel** | **DistrictNO** | **DistrictName** | **Work\_Location** | **Marital Code** | **Marital status** | **Work\_ID** | **Work\_Name** |
| U/10 | Nankya Faith | 7/3/1970 | [fnankya@gmail.com](mailto:fnankya@gmail.com) | PLE | D/10 | Mukono | kampala | 1 | Married | 20 | Stanbic Bank |
| U/10 | Nankya Faith | 7/3/1970 | Nakya@yahoo.com | PLE | D/10 | Mukono | kampala | 1 | Married | 20 | Stanbic Bank |
| U/234 | Watuwa  Eric | 6/2/1965 | [ewatuwa@gmail.com](mailto:ewatuwa@gmail.com) | ALEVEL | D/30 | Mbale | Entebbe | 2 | Separated | 30 | Ministry of Works |
|  | Olanya Derrick | 8/8/1975 | dolanya@yahoo.com | BACHELORS | D/20 |  | Kampala | 3 | Single | 30 | Ministry of Internal Affairs |
| U/50 | Kamukama John | 12/5/1976 | [jkamukama@gmail.com](mailto:jkamukama@gmail.com) | OLEVEL | D/40 | Mbarara | Mukono | 4 | Divorced | 10 | Farmer |
| U/50 | Kamukama John |  | jkamukama@yahoo.com | OLEVEL | D/40 | Mbarara | Mukono | 4 | Divorced | 10 | Farmer |

The table above is an extract from an excel work sheet where information from the data collection forms was captured. This information is supposed to be put in a database management system.

1. Perform all the **normalization steps** on this data to make it ready for management in a relational database.
2. Draw an entity relationship diagram to represent the entities which have been created after performing normal form 3. .