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"import pandas as pd\n",

"print(\"WELCOME TO RELATIONSHIP IDENTIFICATION SYSTEM\")\n", "a=input(\"PLEASE ENTER YOUR GOODNAME\")\n",

"print(\"welcome mr.\",a)\n",

"gender=input(\"please enter your gender.=\\n\")\n", "a1=input(\"please enter your father name.=\\n \")\n", "b=input(\"please enter your mother name.=\\n\")\n", "c=input(\"please enter your father's father name.=\\n \")\n", "d=input(\"please enter your father's mother name .=\\n\")\n", "g=input(\"please enter your mother's father name.=\\n\")\n", "h=input(\"please enter your mother's mother name.=\\n \")\n",

"e1=input(\"Did your father have any brother.please enter yes or no.=\\n\")\n", "if e1==\"yes\":\n",

* e=input(\"please enter your father's brother name.=\\n \")\n",
* k=input(\"Did your father's brother is married. please enter yes or no.=\\n\")\n", " if k==\"yes\":\n",
* k1=input(\"please enter your father's brother's wife name.=\\n\")\n",
* j1=input(\"Did your brother have any child.please enter yes or no.=\\n\")\n", " if j1==\"yes\":\n",
* j=input(\"please enter your father's brothe's have child is male or female.=\\n\")\n", " if j==\"male\":\n",
* l=input(\"please enter his name.=\\n \")\n", " else:\n",
* m=input(\"please enter her name.=\\n\")\n", " else:\n",
* print(\"hope to have child very soon\")\n", "\n",
* else:\n",
* print(\"hope to get married soon\")\n", "\n",

"else:\n",

* print(\"sorry for asking\") \n",

"f=input(\"Did your father have any sister.please enter yes or no.=\\n\")\n", "if f==\"yes\":\n",

* n0=input(\"please enter your father's sister name.=\\n \")\n",
* n1=input(\"Did your father's sister is married. please enter yes or no.=\\n\")\n", " if n1==\"yes\":\n",
* n1=input(\"please enter your father's sister husband name.=\\n\")\n",
* n2=input(\"Did your father's sister have any child. please enter yes or no.=\\n\")\n", " if n2==\"yes\":\n",
* n3=input(\"please enter your father's sister's have child is male or female.=\\n\")\n", " if n3==\"male\":\n",
* n5=input(\"please enter his name .=\\n\")\n",
* else:\n",
* n6=input(\"please enter her name.=\\n\")\n", " else:\n",
* print(\"hope to have child very soon\")\n", "\n",
* else:\n",
* print(\"hope to get married soon\")\n", "\n",

"else:\n",

* print(\"sorry for asking\") \n",

"i=input(\"Did your mother have have any brother . please enter yes or no.=\\n \")\n", "if i==\"yes\":\n",

* i1==input(\"please enter your mother's brother name .=\\n\")\n", "else:\n",
* print(\"sorry for asking\")\n",

"j=input(\"Did your mother have any sister .please enter yes or no.=\\n\")\n", "if j==\"yes\":\n",

* j1=input(\"please enter your mother's sister name .=\\n\")\n", "else:\n",
* print(\"sorry for asking\")\n",

"print(\"thanks Mr.\",a,\"for entering your familier data.=\\n\")\n", "\n",

" \n",

"df = pd.DataFrame(\n", "{\n",

" 'alphabet\_no.':['a','a1','b','c','d','g','h','e1','k1','l',\n", " 'm','n0','n1','n5','n6','i1','j1'],\n",

* 'falmilier\_position':['your name','father name ','mother name','father\"s\"father name','father\"s\" mother name',\n",

" 'mother\"s\" father name','mother\"s\" mother name','father\"s\" brother name',\n",

" 'father\"s\" brother\"s\" wife name','father\"s\" brother\"s\" male child name',\n",

" 'father\"s\" brother\"s\" female child name','father\"s\" sister name','father\"s\" sister\"s\" husband name',\n",

" 'father\"s\" sister\"s\" male child name','father\"s\" sister\"s\" female child name',\n",

* 'mother\"s\" brother name','mother\"s\"sister name']\n", " \n",

"})\n",

"print(df) \n", " \n",

"y=input(\"please enter the option shown from the alphabet\_no. block to find who is realted to you in which way= \")\n",

"if y==\"a1\":\n",

* print(a1,\"He is your Dadddy/papa \")\n", "elif y==\"b\":\n",
* print(b\"She is your mom\")\n", "elif y==\"c\":\n",
* print(c,\"He is your grandfather\")\n", "elif y==\"d\":\n",
* print(d,\"She is your grandmother\")\n", "elif y==\"g\":\n",
* print(g,\"He is even your maternal grandfather\")\n", "elif y==\"h\":\n",
* print(h,\"She is even your maternal grandmother\")\n", "elif y==\"e1\":\n",
* print(e1,\"he is your uncle\")\n", "elif y==\"k1\":\n",
* print(k1,\"She is your aunt\")\n", "elif y==\"l\":\n",
* print(l,\"he is your Cousin\")\n", " \n",

"elif y==\"m\":\n",

* print(m,\"She is your cousin\")\n", "elif y==\"n0\":\n",
* print(n0,\"She is your even 2 aunt\")\n", "elif y==\"n1\":\n",

print(n1,\"He is your even 2nd uncle \")\n", "elif y==\"n5\":\n",

* print(n5,\"He is even 2nd cousin\")\n", "elif y==\"n6\":\n",
* print(n6,\"She is your 2nd cousin\")\n", "elif y==\"i1\":\n",
* print(i1,\"He is your maternal uncle\")\n", "elif y==\"j1\":\n",
* print(j1,\"She is your maternal aunt\")\n", "else:\n",
* print(\"entered the wrong alphabetical\_no.\")\n",

"aaz=input(\"want to see some more relaationship of yours. please enter yes or no =\\n\")\n", "if aaz1==\"yes\":\n",

* m11=input(\"are you married. Please enter yes or no=\\n\")\n", " if m11==\"yes\":\n",
* print(\"conngrates on having the happy life\")\n",
* w11=input(\"please enter the name to whom you are married =\\n\")\n",
* ch12=input(\"Are you having any children. Please enter yes or no=\\n\")\n", " if ch12==\"yes\":\n",
* ch13=input(\"please tell us how many children you are having.=\\n\")\n", " print(\"congrates on having child/children \",ch13)\n",
* m17=input(\"please tell is your child male or female.=\\n\")\n", " if m17==\"male\":\n",
* sc=input(\"please enter the name of your male child.=\\n\")\n",
* m19=input(\"is your male married. PLease enter yes or no.=\\n\")\n", " if m19==\"yes\":\n",
* wf1=input(\"please enter the name of your child wife .=\\n\")\n",
* gc=input(\"is your child having any children. PLease enter yes or no.=\\n\")\n", " if gc==\"yes\":\n",
* gc1=input(\"How many children is your child is having .=\\n\")\n", " print(\"congrates on having child\\children .=\\n\",gc1)\n",
* gcm=input(\"please enter the child is male or female.=\\n \")\n", " if gcm==\"male\":\n",
* gcm1=input(\"enter the name of your child's male child .=\\n\")\n",
* else: \n",
* gcm2=input(\"enter the name of your child's female child.=\\n\")\n", " else :\n",
* print(\"Hope he will get pretty child\\children\")\n", " else :\n",
* print(\"Hope he will get married very soon.\")\n",

" \n",

* else :\n",
* dc2=input(\"please enter he name of your female child.=\\n\")\n",
* m20=input(\"Is ypur daughter married . Please enter yes or no.=\\n \")\n", " if m20==\"yes\":\n",
* hs1=input(\"please enter the name female child husband.=\\n\")\n", " ch17=input(\"Did she got children.PLease enter yes or no.=\\n\")\n", " if ch17==\"yes\":\n",
* dc1=input(\"How many children is your female child is having.=\\n \")\n", " print(\"congrates on having child\\children \",gc1)\n",
* dcm=input(\"please enter the child is male or female.=\\n \")\n", " if dcm==\"male\":\n",
* dcm1=input(\"enter the name of your female male child's child.=\\n\")\n", " else: \n",
* dcm2=input(\"enter the name of your female child's femlae child.=\\n\")\n", " else:\n",
* print(\"Hope she will get pretty child\\children.\") \n", " \n",
* else:\n",
* print(\"Hope she will get married very soon.\")\n", " else:\n",
* print(\"hope in future you would get awesome children.\")\n", " else:\n",
* print(\"hope you will get married very soon\")\n", "\n",
* df = pd.DataFrame(\n", " {\n",

" 'alphabet\_no.1':['w11','sc','wf1','gcm1','gcm2','dc2','hs1','dcm1','dcm2'],\n",

* 'falmilier\_position1':['To whom you are married','your male child name','your child \"s\" wife name' ,\n",
* 'your child\"s\" male child name','your child\"s\" female child name','your female child name',\n",
* 'your female child husband name','your female\"s\" child male child name',\n",
* 'your female child\"s\" female child name']\n", " \n",

" })\n",

* print(df)\n",
* print(\"Please select those alphabet no1 numbers which you have filled or code will get wrong\")\n",
* x=input(\"please enter the option shown from the alphabet\_no1. block to find who is realted to you in which way\")\n",

" if x==\"w11\":\n",

* print(w11,\"She is your wife and you are related to her as husband \")\n", " elif x==\"sc\":\n",
* print(sc,\"He is your son and you are related him as father \")\n", " elif x==\"wf1\":\n",
* print(wfi,\"She is your daughter-in-law and you are related to her as father-in- law\")\n",

" elif x==\"gcm1\":\n",

* print(gcm1,\"He is your grandson and you are related to as grandfather\")\n", " elif x==\"gcm2\":\n",
* print(gcm2,\"She is your granddaughter and you are her's grandfather\")\n", " elif x==\"dc2\":\n",
* print(dc2,\"She is your daughter and you are her father \")\n", " elif x==\"hs1\":\n",
* print(hs1,\"He is your son-in-law and you are related to him as father-in-law\")\n", " elif x==\"dcm1\":\n",
* print(dcm1,\"He is your grandson and you are related to him as maternal grandfather\")\n",

" elif x==\"dcm2\":\n",

* print(dcm2,\"She is your granddaughter and you are related to her as maternal grandfather\")\n",
* else:\n",
* print(\"Sorry entered the wrong alphabetical\_no1 .\") \n", "\n",

" \n",

"else:\n",

* print(\"Thanks for giving the details hope you would be satified with our relationship identification.\")\n",

" "

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**END TERM PROJECT REPORT:**

**APPENDIX 1**

**TITLE OF THE PROJECT: RELATIONSHIP IDENTIFICATION SYSTEM**

**MID TERM REPORT BY**

**VINEELA**

**Name of the candidates in the project: vineela chejarla roll no: 55**

**Sushant**

**Pappu lal**

**Gaurav dar dubey**

**Department of Intelligent Systems**

****

**School of Computer Science Engineering**

**Lovely Professional University , Jalandhar**

**April \_ 2020**

**APPENDIX 2**

**Student Declaration**

This to declare that this report has been written by me. No Part of the report is copied from

other sources .All information included from other resources have been duly

acknowledged.I/We aver that if any part of the report is found to be copied, I/We are shall take

full responsibility for it.

**Vineela**

**Vineela chejarla**

**55**

**Sushant**

**Month: April**

**Place : lovely professional university**

**APPENDIX : 3**

**Title: Relationship identification system**

1. Background and objectives of project assigned:

**1.1**

**1.2**

**1.1.2**

**1.2**

**1.2.1**

**1.2.2**

**1.2.3**

**2.**

**Description of the project:**

**2**

**2.1**

**2.2**

**Appendix 4**

**Bonafide Certificate**

Certified that this project report “ Relationship Identification system “ is the bonafide

Work of “ vineela, sushant , pappulal , gaurav dhar dubey “ who carried out the project

Work under my supervision.

Dr. V. DEVENDRAN

Professor (22735)

Department of Intelligent Systems

**INTRODUCTION**

The identifyting of the relationship generally exits between the parent and as a way to

identify the classify the child . In this type of relationship , the primary key from the parent

migrates through the relationship to become part of the identity ,of the child.

1. A relationship is any association ,linkage ,or connection between the entities of interest to the corporation.
2. A relationship must be:
3. Of one kind interest to the corporation
4. Descriable in real terms
5. Relevant within the context of the corporation as a whole or some specific paart of the corporation
6. Relationships exits generally only between entity families,between entity groups within entity families , or between specific entity occurrences.

By using the relationship identification system we can the identify the relations between t the parent and children and also with the relatives .

**Description of project:**

Relationship identification refers to the identification of relevant communications that bare indicative of relavant communications that are indicative of a given relation ship type.In this we generally proposed a supervised ranking approach to addres the relationship identification system.

Technology and frame work :

Python is one of the most popular programming languages used by developers today.

In our endeavour to identify what is the best programming language for AI and neural

network,python has taken a big deal, that is reason that the Artificial Intelligence with

python is one of best idea .

python has prebuilt libraries like numpy for scientific and pybrain for machine learning

making it one of the best languages for AI. In our project mainly pandas concept is used.

Python along with packages like numpy ,scikit –learn ,ipython notebook, and matplotlib form

the basis to start your AI project.

Python libraries for Natural Language ,linguistic data and documentation for research and also

Development in natural language processing and text analytics with distributions for windows

Mac OSX ,Linux python developers around the world provide comprehensive support and

Assistance via forums and tutorials making job of the coder easier than any other popular l

Languages.