Social Network of the University of Zanjan Graduate Studies (Dinky Life)

This online social network has started its work in 2010 and has been in cyberspace by 2005. Nearly 600 students at Zanjan Graduate Studies University have been studying, of which about 300 have joined this online social network.

All information on this website was collected during the years 2010 to 2015. This information includes 301 users (including students, professors and staff) along with profile entries as well as 3182 connections between them. All user profiles are gathered on this website, which includes gender, city of residence, marital status, educational level, year of entering university and field of study.

This dataset contains two files:

1) Network communication shown as **Relationship**. In this collection, the friendship edges are considered non-orientated, and for each edge between two nodes x and y, there are two rows in this file:

$$x \quad y$$
$$y \quad x$$

2) Features of the users marked with the **Features**. This file contains seven columns. The description for each column is shown in the table below. This file also contains 301 lines. The n line displays information about the n user

Features	column	Attribute values	Number of attributes
User ID	1		
gender	2	Female = 1, male = 2	2
city of residence	3	Zanjan = 1, Tehran = 2, Alborz = 3, East Azarbaijan = 4, Isfahan = 5, Qazvin = 6, Khorasan Razavi = 7, Mazandaran = 8, Kermanshah = 9, Fars = 10, Kerman = 11, Yazd = 12, Kohkiloyeh and Boyer Ahmad = 13, Hamadan = 14, Markazi = 15, Gilan = 16, Kurdistan = 17, Semnan = 19, Khuzestan = 20, West Azerbaijan = 21, Empty = -1	21
marital status	4	Married = 1, Single = 2, Empty = -1	2
educational level	5	Bachelor = 1, Senior = 2, Ph.D. = 3, Continuing Ph.D = 4, Professor= 5, Employee = 6, Null = -1	6
year of entering university	6	87 = 1, 88 = 2, 89 = 3, 90 = 4, 91 = 5, 92 = 6 and null = -1	6
field of study	7	Information Technology Engineering = 1, Physics = 2, Chemistry = 3, Network Science = 4, Mathematics = 5, Geophysics = 6, Materials Engineering = 7, Empty = -1	7

Note: The nodes that deleted their account, along with people who were logged out of Zanjan University, have been removed from the data with their features. Eventually the data is cleaned up and assigned a number to protect the privacy of each user and each attribute.

Note that using this dataset is only possible by referring to the following paper:

Mostafa Salehi, Hamid Abdollahian, and Alireza Eshaghpour. "Homophily in Virtual Social Networks: A Case Study of Virtual Social Network in Graduate University of Zanjan," Quarterly journal of New Media Studies 2, no. 6 (2017): 91-119. DOI: 10.22054/cs.2016.7162 (Persian)