

Installation guide:

Dependencies:

Version 1.8.0 (previous versions may work haven't been tested)

In order to run one must download Match.java, Team.java, dataParser.java, Classroom.java, Person.java and AutomatedGrouping.java then on a mac with version 1.8 of java already installed run the commands <javac AutomatedGrouping.java>, followed by <java AutomatedGrouping> from terminal or on windows eclipse hit run on AutomatedGrouping.java (can also be done on linux and mac with eclipse and no issues) and follow the instructions in the GUI message box. NOTE** user must have a csv file generated from google forms. (can input the absolute path to the GUI input box or have the csv in the same directory and just type in the filename.

User guide:

When GUI is presented from running of AutomatedGrouping.java, the user will enter a desired csv file (imported from google forms) into the labeled textfield; user must then select "import groups" button once selected if file was successfully imported user can choose size of groups and entire class one entered user should press the "get groups" button; a message will then be displayed describing the size of grouping. Finally the user should select: view groups and groups will be displayed to the user in an interface popup.

Developer guide:

If more categories are needed the user must edit the Match.java class specifically the assembleTeam function here one can edit the leastMatched. Should be noted that in order to change one should add attributes to the Person class of course for example hair color ect.. The architecture of this program begins with the Automated Grouping class and after user input it sends the information to a parser which then sends data to Person class which collects attributes of the data and Match.java uses this to assemble our team. One can get more information from the user by adding jframe text objects to the Automated java class here they could add labels, fields, buttons etc...