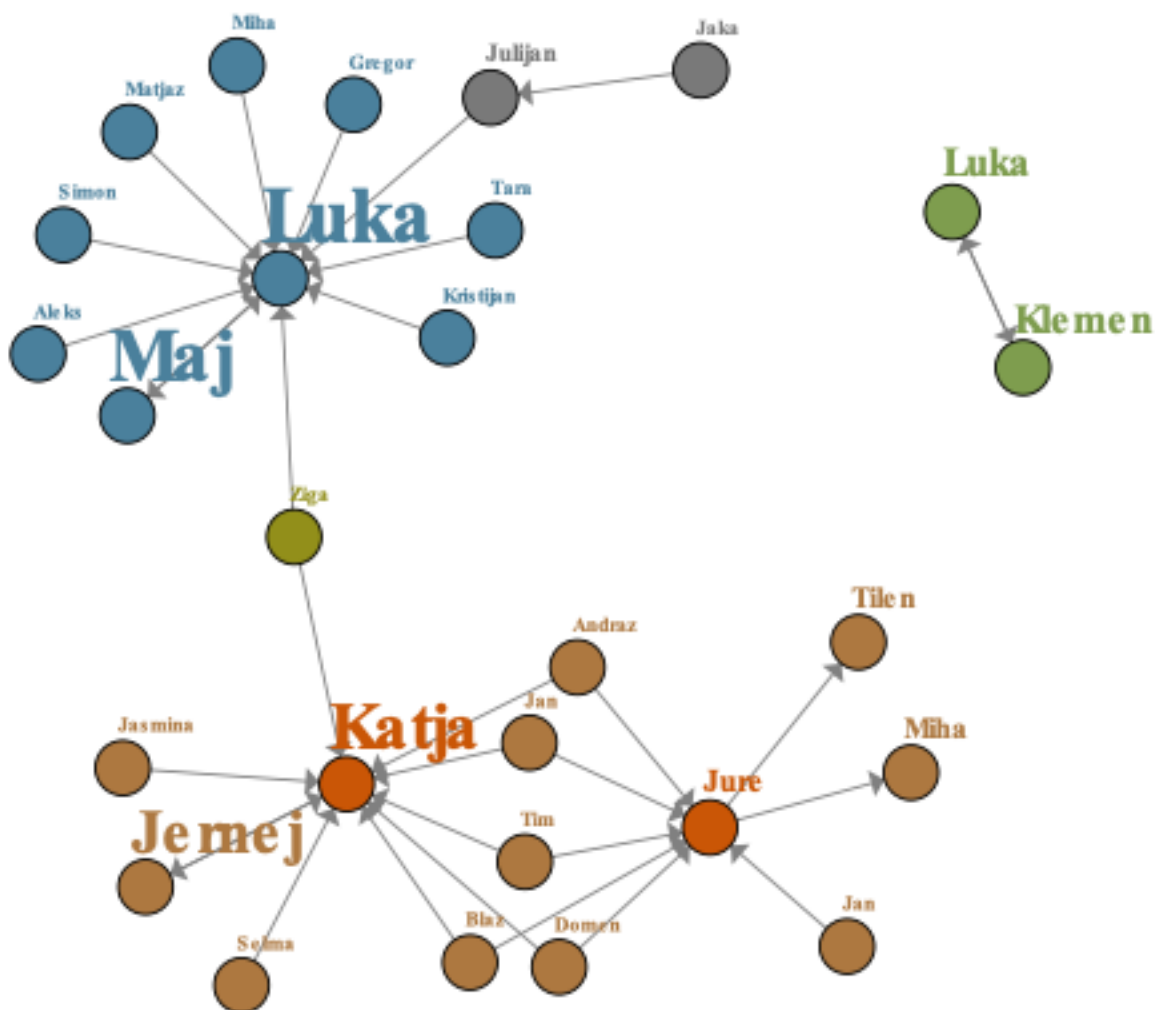


# PageRank challenge

**Nominate up to two classmates** by stating their student identifiers. This will create zero, one or two directed links from you to them. All student nominations will be collected into a social network which will be reduced to a simple directed graph. Then, the **PageRank score** will be computed for each node in the network (with damping factor  $\alpha = 0.85$ ).



Student with the highest PageRank score will be awarded **33% of final course grade**. The student will be given the opportunity to distribute these 33% however she or he pleases (e.g. taking all the points, evenly distributing the points between selected classmates). *(Notice that it will be hard to act on your own. You should collaborate, form alliances and try to recruit other classmates.)*