

# Reflection

John Robert Garcia, 695559, garcia1@student.unimelb.edu.au

The decision algorithm that I have implemented decides who to save based on a point system. Characteristics that were used are: type of persona (human or animal), user status, pet status, human pregnancy status, human age category and profession. Characteristics such as gender and bodytype were not used because I wanted to be fair to all genders and all bodytypes.

For the type of persona, I favoured humans over animals giving 10 points if a persona is a human compared to only 0.5 points to an animal because as a human being myself, I believe that the human specie has a higher priority of being saved compared to animals. I gave seniors and children higher points compared to adults because I have a soft spot for seniors whilst I believe that children should grow up and experience adult hood. I gave pregnant women extra points because they are carrying another person. In terms of user status, I gave a human that is me extra points also because I want to survive. When it comes to pets, I also gave extra points because that pet is like family to someone.

When an occasion arises where the total points for passengers and pedestrians are equal, the final deciding factor is the legality of the crossing. If it is legal, I save the pedestrians otherwise the passengers survive.