Leoza Kabir (V00840048) **Instructor: Bruce Kapron** 

2019-03-28

Project 3

## Describe how your algorithms works, and how the new specification was designed

We changed our algorithm so the next philosopher to hold the token will be picked non-deterministically. Instead of incrementing the token count, our algorithm non-deterministically decides which philosopher should eat next. We added a fairness constraint to ensure that the same token is not picked every state change.