**COMP 3981: Project Description (Part #1)**

# Problem Formulation and Graphical User Interface (GUI) Implementation

## State Representation:

Black Marbles at 8

White Marbles at

## Initial State:

|  |  |  |
| --- | --- | --- |
|  | Black Marbles [location, marbles lost] | White Marbles [location, marbles lost] |
| **Standard Formation** |  |  |
| **Belgian Daisy Formation** |  |  |
| **German Daisy Formation** |  |  |

## Goal Test:

Black Marbles:

or

White Marbles:

## Actions:

|  |  |  |
| --- | --- | --- |
|  | Actions (Given current state ) | Resulting State |
| 1 Marble |  |  |
|  |  |  |
|  |  |  |
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|  |  |  |
|  |  |  |
| 2 Marbles |  |  |
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