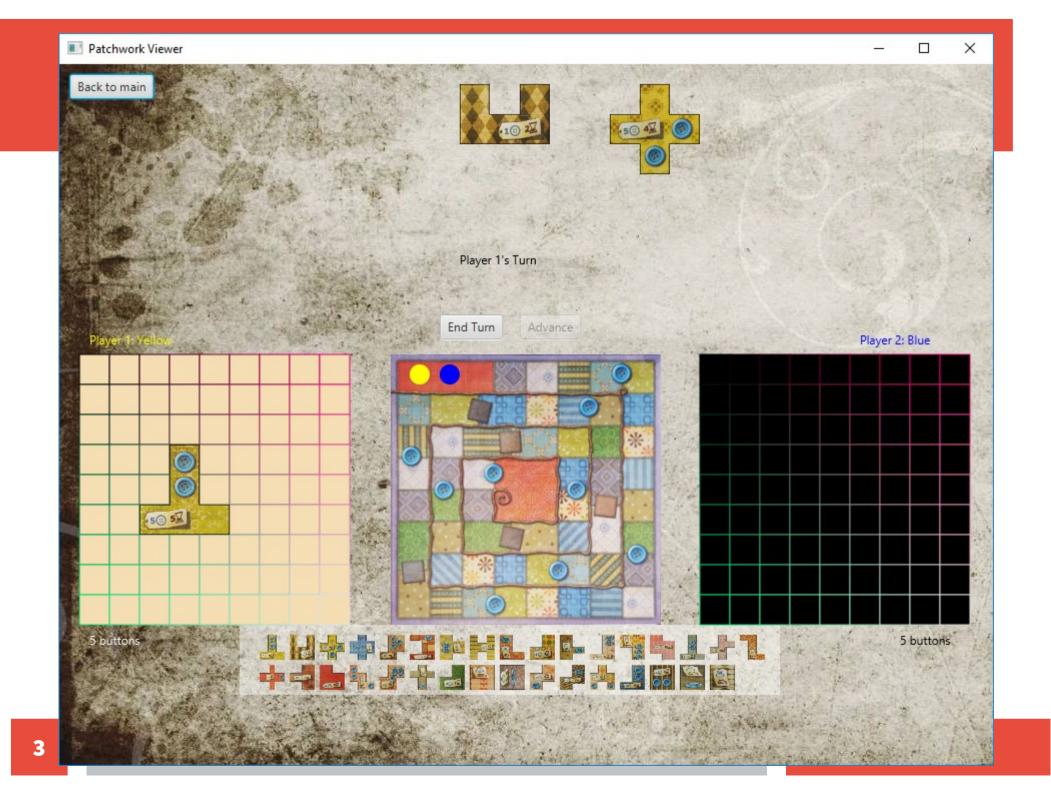
# **COMP1140 Assignment 2**

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## **Checking state**

- Given a patch string, determine if it is valid
- Check if patch is in bounds
- Check who's turn it is
- Check if patch overlaps any other patches on board
- Check if player can afford patch



## **Special Events**

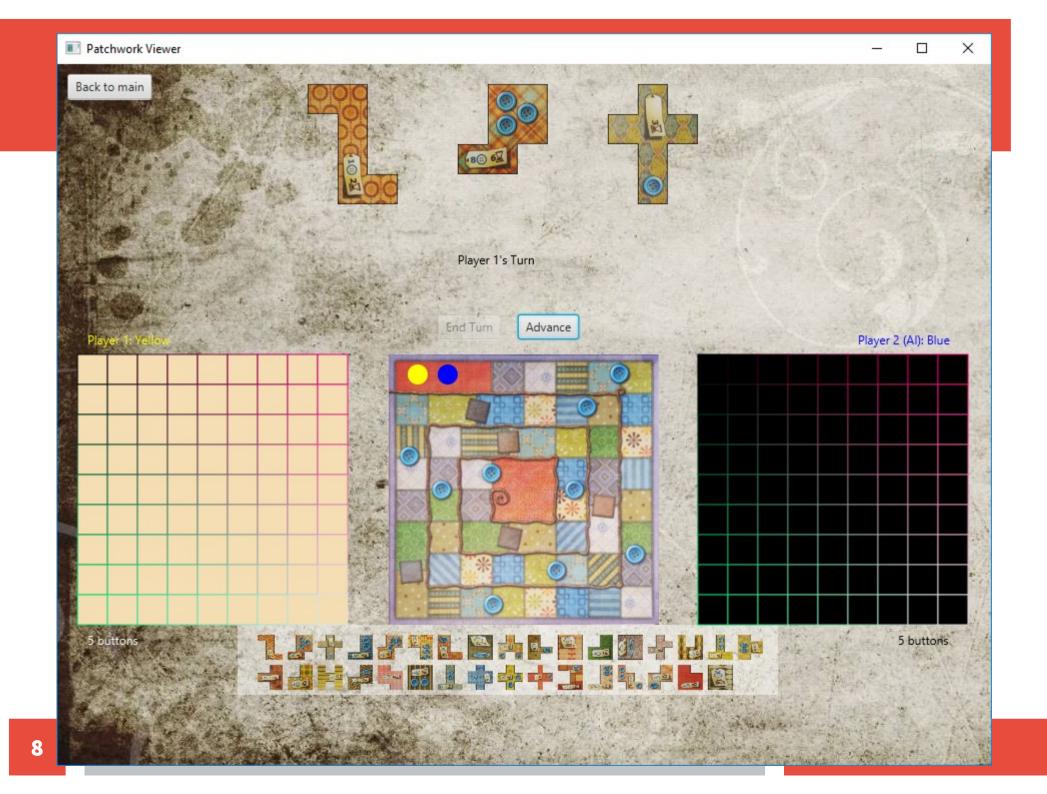
- "h Patch" Event
- Decide which player the event applies to
- Make sure h patch gets placed instead of other patches
- Button Event

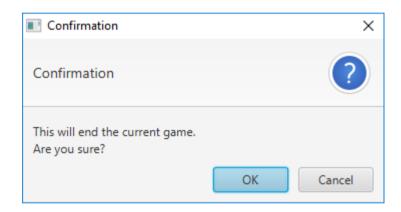


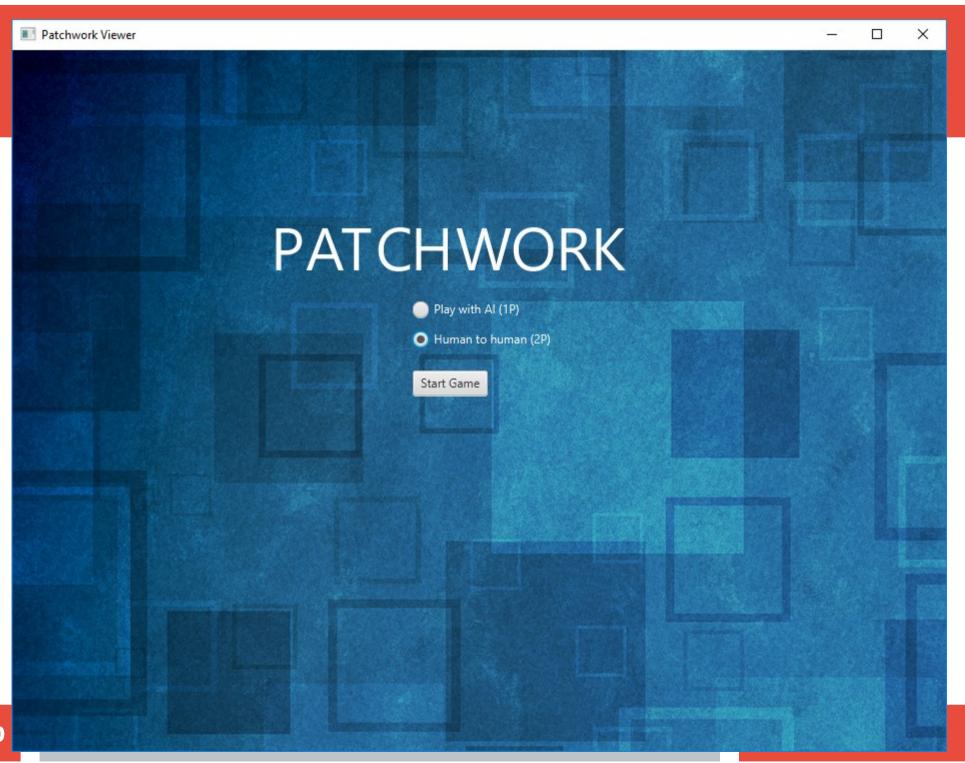


#### **GUI**

- Start menu
- Show main game
- Update game based on user input
- Including AI
- Show scores and winner upon end game







#### A

- Randomly Generated sequence
- Brute Force Al
- Improvised smarter AI
- Monte Carlo Tree Search

