

# Sprint Retrospective

CSCI 3300/5300

## What is a retrospective

- A look back on past events and situation
- Purpose:
  - continuous improvement
  - positive change
- Opportunity for the team to
  - inspect itself
  - create a plan for improvement

## Benefits of a Retrospective

- Creates a safe/blameless space for team members to share feedback
- Allows the team to document wins and areas of opportunity
- Provides an actionable list of next steps and identifies who owns which item
- Identifies small incremental changes that can lead to larger improvements
- Allows opinions to be heard
- Makes next sprint better than the last

## Sprint Review vs Retrospective

### **Sprint Review**

- Showcase the work that has been completed
- Demonstration of the work

### **Sprint Retrospective**

- Reflection on the completed work and the process
- Identify areas of improvement to make next sprint better





## Template for gathering data

- I like ...
- I wish ...
- What if ...

Example:

- I like how our out of class meetings were productive
- I wish we communicated better about the division of work
- What if we kept a shared list of tasks to be done, and updated that list as we made progress

## Topics to consider

- Sprint goal – did we achieve it
- Communication
- Completing tasks on time
- Reporting issues and blockers
- Agreeing on design
- Workload management
- Integration
- Testing
- Selected technology (programming language)
- Version control software (gitlab/github)

## After gathering data

- Generate insights
  - Are there common trends in the data?
  - Does the data vary widely?
- Decide what to do
  - Prioritize areas for improvement: each person votes on 1 item to improve
  - Select the most popular item
  - Come up with an actionable plan for how to improve on that one item
- Submit your improvement plan to me