**Tentative Project Schedule**

**Agenda:** By the end of this project I would like to have created a preexisting game with slight modifications/improvements. I plan to gain an understanding of 2D game components in Unity and the C# scripts required. This schedule should be updated with more specific goals at the end of every week depending on what work was achieved the previous week.

* **Week 1 (05/17 – 05/23)**
* Choose game to replicate
* Configure Unity
* Research game mechanics that game involves, think about how this might be achieved
* **Week 2 (05/24 – 05/30) Zoom Meeting with Dr. V this week on Wednesday at 1:30pm**
* Game chosen: Galaga
* Find sprite sheet, possible background for game (preexisting art)
* Create animations for background and player sprite, possibly enemies as well
* Create a basic 2D player script for player
* **Week 3 (05/31 – 06/06) – Exam in Discreate Structures this week -> some work may need to be pushed to next week.**
* Focus on enemy interaction: creating animations if not done already, basic movements patterns
* Create blockade allocated as the player space (player can’t leave but enemies can enter)
* I expect to reach complications this week as enemy patterns are not easy to replicate, the rest of this week will be allocated for figuring out these issues.
* **Week 4 (06/07 – 06/13) Zoom Meeting with Dr. V this week on Wednesday at 1:30pm**
* Continue to work on enemy interactions: the ability to shoot/run into the player, give the player lives that can eventually run out.
* Add more goals if time allows.
* **Week 5 (06/14 – 06/20)**
* Update on 06/13
* **Week 6 (06/21 – 06/27) Zoom Meeting with Dr. V this week on Wednesday at 1:30pm, Exam in Discrete Structures -> some work may need to be pushed to next week.**
* Update on 06/20
* **Week 7 (06/28 – 07/04)**
* Update on 06/27
* **Week 8 (07/05 – 07/11) Zoom Meeting with Dr. V this week on Wednesday at 1:30pm**
* Update on 07/04
* **Week 9 (07/12 – 07/18)**
* Update on 07/11
* **Week 10 (07/19 – 07/25) Zoom Meeting with Dr. V this week on Wednesday at 1:30pm, Exam in Discreate Structures -> Final are next week so do as much last minute requirements now.**
* Make presentation for Scholars Showcase
* Make sure all required documents are filled out
* **Week 10 (07/26 – 08/01) Final in Discreate Structures**
* Attend Scholars Showcase with Dr. V