Galactic Gummy Bears (Made by Jericho McGowan)

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CSCI-4250-001

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Software Discussion GGB

* What was/is the architecture?
  + Client-Server
* What was/is the development environment?
  + Source Control: GitHub. Main is only touched at the end of the Sprint. A branch would be made for each Sprint, and merged into main at the end of the process. At the beginning of a sprint a new sprint branch is created.
  + IDE: Visual Studio Code
  + Communication: Discord
  + Extensions for VS Code: Live Server (Ritwick Dey), Better Comments (Aaron Bond), IntelliCode, Path Intellisense, Prettier, Quokka.js, CSS Peek, GitLens, CodeGPT (Optional), JSON Formatter.
  + Libraries (discuss more): Phaser, PIXI.js, Melon.js
* What is the language?
  + JavaScript, HTML, CSS (USE camelCase)
  + Coding Standards: coding standards would use camelCase as well as have a comment summarizing the function/method/variable above every major implementation of one. Each comment much explain the logic as well as have the date listed and who placed the comment at the end. An example of the common will be placed below Once all of these have been met, the coding standards have been met.
    - //This method implements stuff in the code – Jericho 3/31/2025
* What is the technology stack?
  + JavaScript (interaction)
  + HTML(structure)
  + CSS(styling)
* Define a Definition of Done?
  + 3/31/2025 – Documented, Meets the Acceptance Criteria,
  + Test cases developed for both happy and unhappy paths and tested. No exceptions or errors occur and happen as expected.
  + Acceptance Criteria from PO has been met.
  + Built: Coding standards are met.
  + Reviewed: Peer-reviewed and assessed by the team.
  + Tested: Test cases, both happy and unhappy, have been tested and no exceptions have been thrown.
  + Committed: All forks have been merged into the Sprint branch that adds additional features, functionality, and removed bugs. Once all the forks have been merged into the Sprint branch, merge into main once approved by the team.
* Define the teams sprint velocity?
  + 54 hours a week/sprint (6 hours a person)
    - -18 (2\*9)