



**Project Name:** SP-14 Red Build Chess Game Using AI  
**Report Date:** 1/2/2023

|                             |                                |           |                       |             | Milestone #1 |       |       |       | Milestone #2 |       |       |       | Milestone #3 |       |       |       | C-Day |       |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------------|--------------------------------|-----------|-----------------------|-------------|--------------|-------|-------|-------|--------------|-------|-------|-------|--------------|-------|-------|-------|-------|-------|--|--|--|--|--|--|--|--|--|--|--|
| Deliverable                 | Tasks                          | Complete% | Current Status Memo   | Assigned To | 09/02        | 09/09 | 09/16 | 09/23 | 09/30        | 10/07 | 10/14 | 10/21 | 10/28        | 11/04 | 11/11 | 11/18 | 11/25 | 12/02 |  |  |  |  |  |  |  |  |  |  |  |
| Requirements                | Meet with stakeholder(s) SH    | 50%       | Delayed but complete  | Bob, Sam    | 20           | 12    | 5     |       |              |       |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
|                             | Define requirements            |           |                       |             |              |       |       |       |              |       |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
|                             | Review requirements with SH    | 10%       |                       | Bob         |              | 10    | 15    |       |              |       |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
|                             | Define UI requirements         |           |                       |             |              |       |       |       |              |       |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
|                             | Get sign off on requirements   | 0%        | Will add more figures | Tom         |              |       | 5     | 10    | 4            |       |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
| Project design              | Define tech required *         | 0%        |                       | Bob         |              |       |       | 10    | 4            |       |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
|                             | Research product design        |           |                       |             |              |       |       |       |              |       |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
|                             | Database design                | 0%        |                       |             |              |       | 5     | 10    | 10           |       |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
|                             | X design                       | 0%        |                       |             |              |       |       |       |              | 10    | 10    |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
|                             | Y design                       | 0%        |                       |             |              | 6     | 6     | 10    | 5            | 5     |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
|                             | Develop working prototype      | 0%        |                       |             |              |       |       |       |              | 10    | 10    |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
|                             | Test prototype                 | 0%        |                       | Tom         |              |       |       |       |              |       | 5     | 10    | 5            |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
| Development                 | Review prototype design        | 0%        |                       |             |              |       |       |       |              |       |       | 8     | 5            | 10    |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
|                             | Rework requirements            | 0%        |                       |             |              |       |       |       |              |       |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
|                             | Document updated design        | 0%        |                       |             |              |       |       |       |              |       |       |       |              |       |       |       | 10    | 20    |  |  |  |  |  |  |  |  |  |  |  |
|                             | Test product                   | 0%        |                       |             |              |       |       |       |              |       |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
| Final report                | Presentation preparation       | 0%        |                       |             |              |       |       |       |              |       |       |       |              |       |       | 15    | 10    | 10    |  |  |  |  |  |  |  |  |  |  |  |
|                             | Poster preparation             | 0%        |                       |             |              |       |       |       |              |       |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
|                             | Final report submission to D2L |           |                       |             |              |       |       |       |              |       |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
|                             | and project owner              | 0%        |                       |             |              |       |       |       |              |       |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
|                             | Define UI requirements         |           |                       |             |              |       |       |       |              |       |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |
| Chess Design<br>Development | research chess design          |           | Total work hours      | 396         | 20           | 22    | 31    | 31    | 28           | 35    | 30    | 26    | 20           | 38    | 35    | 45    | 10    | 25    |  |  |  |  |  |  |  |  |  |  |  |
|                             | design primitive UI diagram    |           |                       |             |              |       |       |       |              |       |       |       |              |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |

\* formally define how you will develop this project including source code management

| Legend  |   |
|---------|---|
| Planned |  |
| Delayed |  |
| Number  | Work: man hours   |