

# Sudoku Solver Project Schedule

Apr 12, 2022

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## Sudocrew

<http://>

Project manager

Project dates

Jan 17, 2022 - Apr 12, 2022

Completion

60%

Tasks

59

Resources

3

## Tasks

2

| Name                          | Begin date | End date |
|-------------------------------|------------|----------|
| Project Approval              | 1/17/22    | 1/24/22  |
| Problem Statement             | 1/25/22    | 1/28/22  |
| Development Plan              | 1/31/22    | 2/4/22   |
| Drafting DP                   | 1/31/22    | 2/4/22   |
| DP deadline                   | 2/4/22     | 2/4/22   |
| Project schedule draft        | 2/3/22     | 2/3/22   |
| Requirements Doc              | 2/7/22     | 2/11/22  |
| Draft Rev 0                   | 2/7/22     | 2/11/22  |
| Req Rev 0 Deadline            | 2/11/22    | 2/11/22  |
| Feature Implementation        | 2/14/22    | 3/21/22  |
| Proof of Concept              | 2/14/22    | 3/4/22   |
| Implementing POC              | 2/14/22    | 2/25/22  |
| Implement ML model            | 2/14/22    | 2/23/22  |
| Implement Flask App           | 2/16/22    | 2/25/22  |
| Create HTML/CSS/JS Frontend   | 2/18/22    | 2/25/22  |
| POC Demo                      | 2/28/22    | 3/4/22   |
| POC Deadline                  | 2/28/22    | 2/28/22  |
| Responsive Styling            | 3/18/22    | 3/21/22  |
| Playable Sudoku               | 3/14/22    | 3/17/22  |
| Randomized puzzle generation  | 3/14/22    | 3/16/22  |
| Testing                       | 2/17/22    | 3/25/22  |
| Test Plan Rev 0               | 3/7/22     | 3/11/22  |
| Test Plan Deadline            | 3/11/22    | 3/11/22  |
| PoC Test                      | 2/17/22    | 2/22/22  |
| CV unit test                  | 3/17/22    | 3/18/22  |
| Solver unit test              | 3/17/22    | 3/18/22  |
| Flask unit test               | 3/17/22    | 3/18/22  |
| Recognition system test       | 3/21/22    | 3/22/22  |
| Puzzle generation system test | 3/21/22    | 3/22/22  |
| Gameplay system test          | 3/23/22    | 3/25/22  |
| Design and Doc                | 3/8/22     | 3/21/22  |
| Draft Rev 0                   | 3/14/22    | 3/18/22  |
| CV Classification Module      | 3/8/22     | 3/11/22  |
| CV Results Module             | 3/8/22     | 3/10/22  |
| CV Errors Module              | 3/9/22     | 3/10/22  |
| Flask App Module              | 3/11/22    | 3/17/22  |
| Solver Module                 | 3/8/22     | 3/9/22   |
| Generation Module             | 3/10/22    | 3/17/22  |
| Frontend Module               | 3/8/22     | 3/21/22  |
| Design and Doc Rev 0 Deadline | 3/18/22    | 3/18/22  |

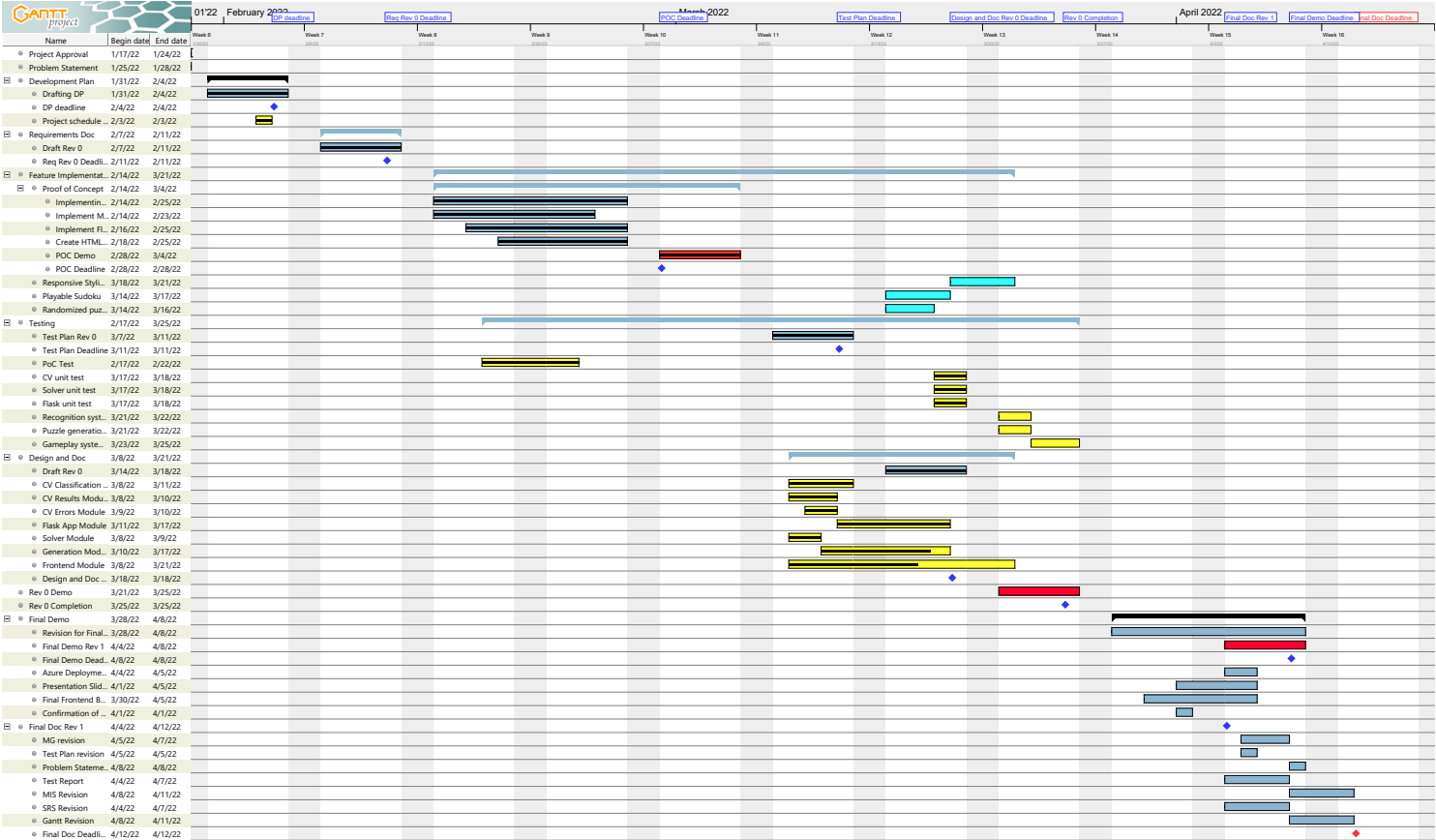
## Tasks

| Name                            | Begin date | End date |
|---------------------------------|------------|----------|
| Rev 0 Demo                      | 3/21/22    | 3/25/22  |
| Rev 0 Completion                | 3/25/22    | 3/25/22  |
| Final Demo                      | 3/28/22    | 4/8/22   |
| Revision for Final Demo         | 3/28/22    | 4/8/22   |
| Final Demo Rev 1                | 4/4/22     | 4/8/22   |
| Final Demo Deadline             | 4/8/22     | 4/8/22   |
| Azure Deployment                | 4/4/22     | 4/5/22   |
| Presentation Slides             | 4/1/22     | 4/5/22   |
| Final Frontend Beautification   | 3/30/22    | 4/5/22   |
| Confirmation of SRS fulfilment  | 4/1/22     | 4/1/22   |
| Final Doc Rev 1                 | 4/4/22     | 4/12/22  |
| MG revision                     | 4/5/22     | 4/7/22   |
| Test Plan revision              | 4/5/22     | 4/5/22   |
| Problem Statement / DP revision | 4/8/22     | 4/8/22   |
| Test Report                     | 4/4/22     | 4/7/22   |
| MIS Revision                    | 4/8/22     | 4/11/22  |
| SRS Revision                    | 4/4/22     | 4/7/22   |
| Gantt Revision                  | 4/8/22     | 4/11/22  |
| Final Doc Deadline              | 4/12/22    | 4/12/22  |

Resources

| Name           | Default role |
|----------------|--------------|
| Kai Zhu        | developer    |
| Rashad Bhuiyan | developer    |
| Stanley Chan   | developer    |

Gantt Chart



Resources Chart

