Testing
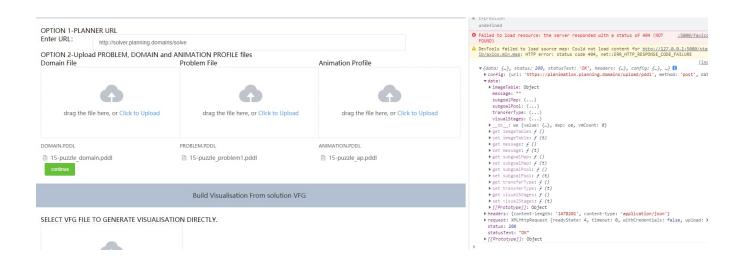
For unit testing, we have used python unit test


```
D:\...\PL-Bluering\prototypes\website_demo>python flasktest.py
..
----------------------------------------------------------------------
Ran 2 tests in 0.006s

OK
```



```
D:\...\PL-Bluering\prototypes\website_demo>python app.py
 * Serving Flask app "app" (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: off
 * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

▼ subgoalMap: Object
  ▼ m_keys: Array(235)
    ▶ [0 … 99]
    ▶ [100 … 199]
    ▶ [200 … 234]
      length: 235
    ▶ __ob__: we {value: Array(235), dep: ce, vmCount: 0}
  ▼ m_values: Array(235)
    ▼ [0 … 99]
      ▶ 0: (4) ['(at t5 node2-3)', '(at t6 node3-3)', '(at t9 node2-2)', '(at t10 node3…
      ▶ 1: (4) ['(at t5 node2-3)', '(at t6 node3-3)', '(at t9 node2-2)', '(at t10 node3…
      ▶ 2: (5) ['(at t5 node2-3)', '(at t6 node3-3)', '(at t9 node2-2)', '(at t10 node3…
      ▶ 3: (4) ['(at t5 node2-3)', '(at t9 node2-2)', '(at t10 node3-2)', '(at t11 node…
      ▶ 4: (3) ['(at t5 node2-3)', '(at t9 node2-2)', '(at t11 node4-2)', __ob__: we]
      ▶ 5: (3) ['(at t5 node2-3)', '(at t9 node2-2)', '(at t11 node4-2)', __ob__: we]
      ▶ 6: (4) ['(at t5 node2-3)', '(at t9 node2-2)', '(at t11 node4-2)', '(at t14 node…
      ▶ 7: (3) ['(at t5 node2-3)', '(at t11 node4-2)', '(at t14 node3-1)', __ob__: we]
      ▶ 8: (3) ['(at t5 node2-3)', '(at t11 node4-2)', '(at t14 node3-1)', __ob__: we]
      ▶ 9: (4) ['(at t5 node2-3)', '(at t11 node4-2)', '(at t14 node3-1)', '(at t10 nod…
      ▶ 10: (5) ['(at t5 node2-3)', '(at t11 node4-2)', '(at t14 node3-1)', '(at t10 no…
      ▶ 11: (5) ['(at t5 node2-3)', '(at t11 node4-2)', '(at t14 node3-1)', '(at t10 no…
      ▶ 12: (5) ['(at t5 node2-3)', '(at t11 node4-2)', '(at t14 node3-1)', '(at t10 no…
      ▶ 13: (6) ['(at t5 node2-3)', '(at t11 node4-2)', '(at t14 node3-1)', '(at t10 no…
      ▶ 14: (7) ['(at t5 node2-3)', '(at t11 node4-2)', '(at t14 node3-1)', '(at t10 no…
      ▶ 15: (6) ['(at t5 node2-3)', '(at t11 node4-2)', '(at t14 node3-1)', '(at t10 no…
      ▶ 16: (7) ['(at t5 node2-3)', '(at t11 node4-2)', '(at t14 node3-1)', '(at t10 no…

▼ subgoalPool: Object
  ▶ m_keys: Array(16)
  ▼ m_values: Array(16)
    ▶ 0: (2) ['t5', 'node2-3', __ob__: we]
    ▶ 1: (2) ['t6', 'node3-3', __ob__: we]
    ▶ 2: (2) ['t9', 'node2-2', __ob__: we]
    ▶ 3: (2) ['t10', 'node3-2', __ob__: we]
    ▶ 4: (2) ['t11', 'node4-2', __ob__: we]
    ▶ 5: (2) ['t14', 'node3-1', __ob__: we]
    ▶ 6: (2) ['t2', 'node3-4', __ob__: we]
    ▶ 7: ['node1-4', __ob__: we]
    ▶ 8: (2) ['t4', 'node1-3', __ob__: we]
    ▶ 9: (2) ['t13', 'node2-1', __ob__: we]
    ▶ 10: (2) ['t8', 'node1-2', __ob__: we]
    ▶ 11: (2) ['t1', 'node2-4', __ob__: we]
    ▶ 12: (2) ['t15', 'node4-1', __ob__: we]
    ▶ 13: (2) ['t7', 'node4-3', __ob__: we]
    ▶ 14: (2) ['t3', 'node4-4', __ob__: we]
    ▶ 15: (2) ['t12', 'node1-1', __ob__: we]
      length: 16

    transferType: 1
  ▼ visualStages: Array(235)
    ▼ [0 … 99]
      ▼ 0:
        isFinal: "false"
        stageInfo: "No Step Information"
        stageName: "Initial Stage"
        ▼ visualSprites: Array(31)
          ▼ 0:
            ▶ color: Object
            depth: 2
            height: 100
            maxX: 0.778
            maxY: 0.963
            minX: 0.593
            minY: 0.778
            name: "t1"
            prefabimage: "img"
            showname: true
            width: 100
            x: 300
            y: 400
            ▶ __ob__: we {value: {…}, dep: ce, vmCount: 0}
            ▶ get color: f ()

USER ACCEPTANCE TEST:the team has performed the unit testing before sprint 1 as a team are not aware whether what browser or windows client uses so we performed testing on

operating system:

windows

mac os

browser:

mozilla

google chrome