Test Summary Report

Studenti

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Relazione con altri documenti

Per individuare i test da effettuare è stata utilizzata la tecnica Black-Box e White-Box, le cui strategie sono spiegata nel Test Plan.

Introduzione

Il Testing di unità consiste nel testare le singole unità del software del sistema suddivisi in sottosistemi individuali, con l'obiettivo di testare che ogni sottosistema è stato codificato correttamente.

Approccio

Il Testing verrà diviso in Testing Routes con Jest e Testing tramite Appium. Di seguito, sono riportati alcuni screen che mostrano tutti i testing delle varie componenti.

1. Testing Routes in Jest

Organization Verify Token

```
 8  test("verify token organization - success", async () => {
 9      const email = 'iperuranio@mailinator.com'
10      const password = 'test1234!'
11      const {data} = await request.post('organization/login', { email, password })
12      request.defaults.headers.common.Authorization = data['data']['token']
13      await request.get('organization/')
14  });
    Complexity is 5 Everything is cool!
15  test("verify token organization - token non presente", async () => {
16      try{
17          await request.get('organization')
18      }catch(e){
19          if(e['response']['status'] != 403)
20              throw new Error('Richiesta andata a buon fine');
21      }
22  });
    Complexity is 5 Everything is cool!
23  test("verify token organization - token non valido", async () => {
24      request.defaults.headers.common.Authorization = 'ciao'
25      try{
26          await request.get('organization')
27      }catch(e){
28          if(e['response']['status'] != 401)
29              throw new Error('Richiesta andata a buon fine');
30      }
```

```
PROBLEMS 12   OUTPUT   DEBUG CONSOLE   TERMINAL   AZURE   COMMENTS

----------|---------|----------|---------|---------|-------------------
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       3 passed, 3 total
Snapshots:   0 total
Time:        2.295 s
Ran all test suites matching /__tests__\\organizationVerifyToken.js/i.
```

Organization Login1

```
1   const axios = require("axios");  Calculating...
2   require('dotenv').config()  1.6k (gzipped: 858)
3   const request = axios.create({
4       baseURL: process.env.BASE_URL,
5       timeout: 5000,
6       headers: {},
7   })
8   test("login organization - success", async () => {
9       const email = 'iperuranio@mailinator.com'
10      const password = 'test1234!'
11      await request.post('organization/login', { email, password })
12  });
    Complexity is 5 Everything is cool!
13  test("login organization - email inesistente su firebase", async () => {
14      const email = 'coscienze@mailinator.com'
15      const password = 'test1234!'
16      try{
17          await request.post('organization/login', { email, password })
18      }catch(e){
19          if(e['response']['status'] != 401)
20              throw new Error('Richiesta andata a buon fine');
21      }
22  });
    Complexity is 5 Everything is cool!
23  test("login organization - formato email non valido", async () => {
24      const email = 'iperuranio@mailinator.com'
```

PROBLEMS 18 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
 √ login organization - email mancante (300 ms)
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       4 passed, 4 total
Snapshots:   0 total
Time:        2.595 s
Ran all test suites matching /__tests__\\organizationLogin.js/i.
```

Organization Login2

```
23  test("login organization - formato email non valido", async () => {
24      const email = 'iperuranioòmailinator.com'
25      const password = 'test1234!'
26      try{
27          await request.post('organization/login', { email, password })
28      }catch(e){
29          if(e['response']['status'] != 401)
30              throw new Error('Richiesta andata a buon fine');
31      }
32  });
    Complexity is 5 Everything is cool!
33  test("login organization - email mancante", async () => {
34      const password = 'test1234!'
35      try{
36          await request.post('organization/login', { password })
37      }catch(e){
38          if(e['response']['status'] != 401)
39              throw new Error('Richiesta andata a buon fine');
40      }
41  });
```

PROBLEMS 18 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
  √ login organization - email mancante (300 ms)
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       4 passed, 4 total
Snapshots:   0 total
Time:        2.595 s
Ran all test suites matching /__tests__\\organizationLogin.js/i.
PS C:\Users\maria\OneDrive\Desktop\visulStudioCode\Backend>
```

StudyRoomCreate1

```
8   test("studyroom create - success", async () => {
9       const studyroom = {
10          name: 'Scienze 2',
11          seats: 25,
12          floor: 3,
13          building: '63c45b82b7f6c8c688b9119c', //id building
14          image: '' //base64 image
15      }
16      const email = 'iperuranio@mailinator.com'
17      const password = 'test1234!'
18      const {data} = await request.post('organization/login', { email, password })
19      request.defaults.headers.common.Authorization = data['data']['token']
20      await request.post('studyroom/create', studyroom)
21  });
    Complexity is 5 Everything is cool!
22  test("studyroom create - nome mancante", async () => {
23      const studyroom = {
24          name: '',
25          seats: 25,
26          floor: 3,
27          building: '63c45b82b7f6c8c688b9119b', //id building
28          image: '' //base64 image
29      }
30      const email = 'iperuranio@mailinator.com'
31      const password = 'test1234!'
32      try{
```

PROBLEMS 29 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       10 passed, 10 total
Snapshots:   0 total
Time:        7.651 s
Ran all test suites matching /__tests__\\studyroomCreate.js/i.
```

StudyRoomCreate2

```
32      try{
33          const {data} = await request.post('organization/login', { email, password })
34          request.defaults.headers.common.Authorization = data['data']['token']
35          await request.post('studyroom/create', studyroom)
36      }catch(e){
37          if(e['response']['status'] != 400)
38              throw new Error('Richiesta andata a buon fine');
39      }
40  });
    Complexity is 5 Everything is cool!
41  test("studyroom create - nome esistente", async () => {
42      const studyroom = {
43          name: 'Scienze 1',
44          seats: 25,
45          floor: 3,
46          building: '63c45b82b7f6c8c688b9119b', //id building
47          image: '' //base64 image
48      }
49      const email = 'iperuranio@mailinator.com'
50      const password = 'test1234!'
51      try{
52          const {data} = await request.post('organization/login', { email, password })
53          request.defaults.headers.common.Authorization = data['data']['token']
54          await request.post('studyroom/create', studyroom)
55      }catch(e){
56          if(e['response']['status'] != 400)
```

PROBLEMS 29 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       10 passed, 10 total
Snapshots:   0 total
Time:        7.651 s
Ran all test suites matching /__tests__\\studyroomCreate.js/i.
PS C:\Users\maria\OneDrive\Desktop\visulStudioCode\Backend>
```

StudyRoomCreate3

```
55      }catch(e){
56          if(e['response']['status'] != 400)
57              throw new Error('Richiesta andata a buon fine');
58      }
59  });
    Complexity is 5 Everything is cool!
60  test("studyroom create - edificio mancante", async () => {
61      const studyroom = {
62          name: 'Scienze 1',
63          seats: 25,
64          floor: 3,
65          building: '',
66          image: '' //base64 image
67      }
68      const email = 'iperuranio@mailinator.com'
69      const password = 'test1234!'
70      try{
71          const {data} = await request.post('organization/login', { email, password })
72          request.defaults.headers.common.Authorization = data['data']['token']
73          await request.post('studyroom/create', studyroom)
74      }catch(e){
75          if(e['response']['status'] != 400)
76              throw new Error('Richiesta andata a buon fine');
77      }
78  });
```

PROBLEMS 29 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       10 passed, 10 total
Snapshots:   0 total
Time:        7.651 s
Ran all test suites matching /__tests__\\studyroomCreate.js/i.
PS C:\Users\maria\OneDrive\Desktop\visulStudioCode\Backend>
```

StudyRoomCreate4

```
79  test("studyroom create - edificio inesistente", async () => {
80      const studyroom = {
81          name: 'Scienze 1',
82          seats: 25,
83          floor: 3,
84          building: '77c45b82b7f6c8c688b9119b', //id building
85          image: '' //base64 image
86      }
87      const email = 'iperuranio@mailinator.com'
88      const password = 'test1234!'
89      try{
90          const {data} = await request.post('organization/login', { email, password })
91          request.defaults.headers.common.Authorization = data['data']['token']
92          await request.post('studyroom/create', studyroom)
93      }catch(e){
94          if(e['response']['status'] != 400)
95              throw new Error('Richiesta andata a buon fine');
96      }
97  });
    Complexity is 5 Everything is cool!
98  test("studyroom create - formato piano errato", async () => {
99      const studyroom = {
100         name: 'Scienze 1',
101         seats: 25,
102         floor: '',
```

PROBLEMS 29 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       10 passed, 10 total
Snapshots:   0 total
Time:        7.651 s
Ran all test suites matching /__tests__\\studyroomCreate.js/i.
```

StudyRoomCreate5

```
102             floor: '',
103             building: '63c45b82b7f6c8c688b9119b', //id building
104             image: '' //base64 image
105         }
106         const email = 'iperuranio@mailinator.com'
107         const password = 'test1234!'
108         try{
109             const {data} = await request.post('organization/login', { email, password })
110             request.defaults.headers.common.Authorization = data['data']['token']
111             await request.post('studyroom/create', studyroom)
112         }catch(e){
113             if(e['response']['status'] != 400)
114                 throw new Error('Richiesta andata a buon fine');
115         }
116     });
    Complexity is 5 Everything is cool!
117     test("studyroom create - numero piano non valido", async () => {
118         const studyroom = {
119             name: 'Scienze 1',
120             seats: 25,
121             floor: 38,
122             building: '63c45b82b7f6c8c688b9119b', //id building
123             image: '' //base64 image
124         }
125         const email = 'iperuranio@mailinator.com'
```

PROBLEMS 29 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       10 passed, 10 total
Snapshots:   0 total
Time:        7.651 s
Ran all test suites matching /  tests  \\studyroomCreate.js/i.
```

StudyRoomCreate6

```
126     const password = 'test1234!'
127     try{
128         const {data} = await request.post('organization/login', { email, password })
129         request.defaults.headers.common.Authorization = data['data']['token']
130         await request.post('studyroom/create', studyroom)
131     }catch(e){
132         if(e['response']['status'] != 400)
133             throw new Error('Richiesta andata a buon fine');
134     }
135 });
    Complexity is 5 Everything is cool!
136 test("studyroom create - formato posti non valido", async () => {
137     const studyroom = {
138         name: 'Scienze 1',
139         seats: '',
140         floor: 3,
141         building: '63c45b82b7f6c8c688b9119b', //id building
142         image: '' //base64 image
143     }
144     const email = 'iperuranio@mailinator.com'
145     const password = 'test1234!'
146     try{
147         const {data} = await request.post('organization/login', { email, password })
148         request.defaults.headers.common.Authorization = data['data']['token']
149         await request.post('studyroom/create', studyroom)
```

PROBLEMS 29 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       10 passed, 10 total
Snapshots:   0 total
Time:        7.651 s
Ran all test suites matching /__tests__\\studyroomCreate.js/i.
```

StudyRoomCreate7

```
150     }catch(e){
151         if(e['response']['status'] != 400)
152             throw new Error('Richiesta andata a buon fine');
153     }
154 });
    Complexity is 5 Everything is cool!
155 test("studyroom create - numero posti non valido", async () => {
156     const studyroom = {
157         name: 'Scienze 1',
158         seats: 100,
159         floor: 3,
160         building: '63c45b82b7f6c8c688b9119b', //id building
161         image: '' //base64 image
162     }
163     const email = 'iperuranio@mailinator.com'
164     const password = 'test1234!'
165     try{
166         const {data} = await request.post('organization/login', { email, password })
167         request.defaults.headers.common.Authorization = data['data']['token']
168         await request.post('studyroom/create', studyroom)
169     }catch(e){
170         if(e['response']['status'] != 400)
171             throw new Error('Richiesta andata a buon fine');
172     }
173 });
    Complexity is 5 Everything is cool!
```

PROBLEMS 29 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       10 passed, 10 total
Snapshots:   0 total
Time:        7.651 s
Ran all test suites matching /__tests__\\studyroomCreate.js/i.
```

StudyRoomCreate8

```
174  test("studyroom create - immagine mancante", async () => {
175      const studyroom = {
176          name: 'Scienze 1',
177          seats: 10,
178          floor: 3,
179          building: '63c45b82b7f6c8c688b9119b', //id building
180          image: null //base64 image
181      }
182      const email = 'iperuranio@mailinator.com'
183      const password = 'test1234!'
184      try{
185          const {data} = await request.post('organization/login', { email, password })
186          request.defaults.headers.common.Authorization = data['data']['token']
187          await request.post('studyroom/create', studyroom)
188      }catch(e){
189          if(e['response']['status'] != 400)
190              throw new Error('Richiesta andata a buon fine');
191      }
192  });
```

PROBLEMS 29 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       10 passed, 10 total
Snapshots:   0 total
Time:        7.651 s
Ran all test suites matching /__tests__\\studyroomCreate.js/i.
PS C:\Users\maria\OneDrive\Desktop\visulStudioCode\Backend>
```

StudyRoomUpdate1

```
 8  test("studyroom update - success", async () => {
 9      const studyroom = {
10          name: 'Scienze 1',
11          seats: 25,
12          floor: 3,
13          building: '63c45b82b7f6c8c688b9119c', //id building
14          image: '' //base64 image
15      }
16      const email = 'iperuranio@mailinator.com'
17      const password = 'test1234!'
18      const {data} = await request.post('organization/login', { email, password })
19      request.defaults.headers.common.Authorization = data['data']['token']
20      await request.patch('studyroom/63c45cb6cb5f3d03f85cb5c8', studyroom)
21  });
    Complexity is 5 Everything is cool!
22  test("studyroom update - nome mancante", async () => {
23      const studyroom = {
24          seats: 25,
25          floor: 3,
26          building: '63c45b82b7f6c8c688b9119c', //id building
27          image: '' //base64 image
28      }
29      const email = 'iperuranio@mailinator.com'
```

PROBLEMS 113 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
 √ studyroom update - immagine mancante (591 ms)

----------|---------|----------|---------|---------|-------------------
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       9 passed, 9 total
Snapshots:   0 total
Time:        6.878 s, estimated 13 s
Ran all test suites matching /__tests__\\studyroomUpdate.js/i.
```

StudyRoomUpdate2

```
30      const password = 'test1234!'
31      try{
32          const {data} = await request.post('organization/login', { email, password })
33          request.defaults.headers.common.Authorization = data['data']['token']
34          await request.patch('studyroom/63c45cb6cb5f3d03f85cb5c8', studyroom)
35      }catch(e){
36          if(e['response']['status'] != 400)
37              throw new Error('Richiesta andata a buon fine');
38      }
39  });
    Complexity is 5 Everything is cool!
40  test("studyroom update - nome esistente", async () => {
41      const studyroom = {
42          name: 'Scienze 1',
43          seats: 25,
44          floor: 3,
45          building: '63c45b82b7f6c8c688b9119c', //id building
46          image: '' //base64 image
47      }
48      const email = 'iperuranio@mailinator.com'
49      const password = 'test1234!'
50      try{
51          const {data} = await request.post('organization/login', { email, password })
```

PROBLEMS 113 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
  √ studyroom update - immagine mancante (591 ms)

----------|---------|----------|---------|---------|-------------------
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       9 passed, 9 total
Snapshots:   0 total
Time:        6.878 s, estimated 13 s
Ran all test suites matching /__tests__\\studyroomUpdate.js/i.
```

StudyRoomUpdate3

```
52          request.defaults.headers.common.Authorization = data['data']['token']
53          await request.patch('studyroom/63c45cb6cb5f3d03f85cb5c8', studyroom)
54      }catch(e){
55          if(e['response']['status'] != 400)
56              throw new Error('Richiesta andata a buon fine');
57      }
58  });
    Complexity is 5 Everything is cool!
59  test("studyroom update - edificio mancante", async () => {
60      const studyroom = {
61          name: 'Scienze 2',
62          seats: 25,
63          floor: 3,
64          building: '',
65          image: '' //base64 image
66      }
67      const email = 'iperuranio@mailinator.com'
68      const password = 'test1234!'
69      try{
70          const {data} = await request.post('organization/login', { email, password })
71          request.defaults.headers.common.Authorization = data['data']['token']
72          await request.patch('studyroom/63c45cb6cb5f3d03f85cb5c8', studyroom)
73      }catch(e){
74          if(e['response']['status'] != 400)
75              throw new Error('Richiesta andata a buon fine');
76      }
```

PROBLEMS 113 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       9 passed, 9 total
Snapshots:   0 total
Time:        6.878 s, estimated 13 s
Ran all test suites matching /__tests__\\studyroomUpdate.js/i.
```

StudyRoomUpdate4

```
79  test("studyroom update - formato piano errato", async () => {
80      const studyroom = {
81          name: 'Scienze 1',
82          seats: 25,
83          floor: '',
84          building: '63c45b82b7f6c8c688b9119c', //id building
85          image: '' //base64 image
86      }
87      const email = 'iperuranio@mailinator.com'
88      const password = 'test1234!'
89      try{
90          const {data} = await request.post('organization/login', { email, password })
91          request.defaults.headers.common.Authorization = data['data']['token']
92          await request.patch('studyroom/63c45cb6cb5f3d03f85cb5c8', studyroom)
93      }catch(e){
94          if(e['response']['status'] != 400)
95              throw new Error('Richiesta andata a buon fine');
96      }
97  });
    Complexity is 5 Everything is cool!
98  test("studyroom update - numero piano non valido", async () => {
99      const studyroom = {
100         name: 'Scienze 1',
101         seats: 25,
102         floor: 30,
103         building: '63c45b82b7f6c8c688b9119c', //id building
```

PROBLEMS 113 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       9 passed, 9 total
Snapshots:   0 total
Time:        6.878 s, estimated 13 s
Ran all test suites matching /  tests  \\studyroomUpdate.js/i.
```

StudyRoomUpdate5

```
103             building: '63c45b82b7f6c8c688b9119c', //id building
104             image: '' //base64 image
105         }
106         const email = 'iperuranio@mailinator.com'
107         const password = 'test1234!'
108         try{
109             const {data} = await request.post('organization/login', { email, password })
110             request.defaults.headers.common.Authorization = data['data']['token']
111             await request.patch('studyroom/63c45cb6cb5f3d03f85cb5c8', studyroom)
112         }catch(e){
113             if(e['response']['status'] != 400)
114                 throw new Error('Richiesta andata a buon fine');
115         }
116     });
        Complexity is 5 Everything is cool!
117     test("studyroom update - formato posti non valido", async () => {
118         const studyroom = {
119             name: 'Scienze 1',
120             seats: '',
121             floor: 3,
122             building: '63c45b82b7f6c8c688b9119c', //id building
123             image: '' //base64 image
124         }
125         const email = 'iperuranio@mailinator.com'
126         const password = 'test1234!'
127         try{
```

PROBLEMS 113 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       9 passed, 9 total
Snapshots:   0 total
Time:        6.878 s, estimated 13 s
Ran all test suites matching /__tests__\\studyroomUpdate.js/i.
```

StudyRoomUpdate6

```
128             const {data} = await request.post('organization/login', { email, password })
129             request.defaults.headers.common.Authorization = data['data']['token']
130             await request.patch('studyroom/63c45cb6cb5f3d03f85cb5c8', studyroom)
131         }catch(e){
132             if(e['response']['status'] != 400)
133                 throw new Error('Richiesta andata a buon fine');
134         }
135     });
        Complexity is 5 Everything is cool!
136     test("studyroom update - numero posti non valido", async () => {
137         const studyroom = {
138             name: 'Scienze 1',
139             seats: 100,
140             floor: 3,
141             building: '63c45b82b7f6c8c688b9119c', //id building
142             image: '' //base64 image
143         }
144         const email = 'iperuranio@mailinator.com'
145         const password = 'test1234!'
146         try{
147             const {data} = await request.post('organization/login', { email, password })
148             request.defaults.headers.common.Authorization = data['data']['token']
149             await request.patch('studyroom/63c45cb6cb5f3d03f85cb5c8', studyroom)
150         }catch(e){
151             if(e['response']['status'] != 400)
152                 throw new Error('Richiesta andata a buon fine');
```

PROBLEMS 113 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       9 passed, 9 total
Snapshots:   0 total
Time:        6.878 s, estimated 13 s
Ran all test suites matching /__tests__\\studyroomUpdate.js/i.
```

StudyRoomUpdate7

```
152             throw new Error('Richiesta andata a buon fine');
153         }
154     });
        Complexity is 5 Everything is cool!
155     test("studyroom update - immagine mancante", async () => {
156         const studyroom = {
157             name: 'Scienze 1',
158             seats: 10,
159             floor: 3,
160             building: '63c45b82b7f6c8c688b9119c', //id building
161             image: '' //base64 image
162         }
163         const email = 'iperuranio@mailinator.com'
164         const password = 'test1234!'
165         try{
166             const {data} = await request.post('organization/login', { email, password })
167             request.defaults.headers.common.Authorization = data['data']['token']
168             await request.patch('studyroom/63c45cb6cb5f3d03f85cb5c8', studyroom)
169         }catch(e){
170             if(e['response']['status'] != 400)
171                 throw new Error('Richiesta andata a buon fine');
172         }
173     });
```

PROBLEMS 113 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       9 passed, 9 total
Snapshots:   0 total
Time:        6.878 s, estimated 13 s
Ran all test suites matching /__tests__\\studyroomUpdate.js/i.
```

StudentCheckLogOn

```
 8  test("verify token student - success", async () => {
 9      const username = ''
10      const password = ''
11      //const {data} = await request.post('student/login', { username, password })
12      //request.defaults.headers.common.Authorization = data['data']['token']
13      //await request.get('student')
14  });
    Complexity is 5 Everything is cool!
15  test("verify token student - token non presente", async () => {
16      try{
17          await request.get('student')
18      }catch(e){
19          if(e['response']['status'] != 403)
20              throw new Error('Richiesta andata a buon fine');
21      }
22  });
    Complexity is 5 Everything is cool!
23  test("verify token student - token non valido", async () => {
24      request.defaults.headers.common.Authorization = 'ciao'
25      try{
26          await request.get('student')
27      }catch(e){
28          if(e['response']['status'] != 401)
29              throw new Error('Richiesta andata a buon fine');
30      }
```

PROBLEMS 12 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
----------|---------|----------|---------|---------|-------------------
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       3 passed, 3 total
Snapshots:   0 total
Time:        1.276 s
Ran all test suites matching /__tests__\\studentCheckLogon.js/i.
```

StudentLogin1

```
8   test("login student - success", async () => {
9       const username = '' //to test, insert esse3 credentials
10      const password = ''
11      await request.post('student/login', { username, password })
12  });
    Complexity is 5 Everything is cool!
13  test("login student - username mancante", async () => {
14      const password = 'test1234!'
15      try{
16          await request.post('student/login', { password })
17      }catch(e){
18          if(e['response']['status'] != 401)
19              throw new Error('Richiesta andata a buon fine');
20      }
21  });
    Complexity is 5 Everything is cool!
22  test("login student - utente non registrato su esse3", async () => {
23      const username = 'G.GIORDANO3'
24      const password = 'test1234!'
25      try{
26          await request.post('student/login', { username, password })
27      }catch(e){
28          if(e['response']['status'] != 401)
29              throw new Error('Richiesta andata a buon fine');
30      }
```

PROBLEMS 84 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
----------|---------|----------|---------|---------|-------------------
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       5 passed, 5 total
Snapshots:   0 total
Time:        11.652 s, estimated 12 s
Ran all test suites matching /  tests  \\studentLogin.js/i.
```

StudentLogin2

```
32  test("login student - password errata", async () => {
33      const username = 'M.MATTIELLO6'
34      const password = 'test1234!'
35      try{
36          await request.post('student/login', { username, password })
37      }catch(e){
38          if(e['response']['status'] != 401)
39              throw new Error('Richiesta andata a buon fine');
40      }
41  });
    Complexity is 5 Everything is cool!
42  test("login student - password mancante", async () => {
43      const username = 'M.MATTIELLO6'
44      const password = ''
45      try{
46          await request.post('student/login', { username, password })
47      }catch(e){
48          if(e['response']['status'] != 401)
49              throw new Error('Richiesta andata a buon fine');
50      }
51  });
52
```

PROBLEMS 84 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
----------|---------|----------|---------|---------|-------------------
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       5 passed, 5 total
Snapshots:   0 total
Time:        11.652 s, estimated 12 s
Ran all test suites matching /__tests__\\studentLogin.js/i.
PS C:\Users\maria\OneDrive\Desktop\visulStudioCode\Backend>
```

ReservationCreate1

```
 9  test("reservation create - success", async () => {
10      const date = new Date();
11      const reservation = {
12          date: date.toUTCString(),
13          start: '9:00',
14          end: '11:00',
15          studyroom: '63c45cb6cb5f3d03f85cb5c8',
16          user: '',
17      }
18      const username = ''
19      const password = ''
20      const {data} = await request.post('student/login', { username, password })
21      request.defaults.headers.common.Authorization = data['data']['token']
22      await request.post('reservation/create', data);
23  });
24
    Complexity is 5 Everything is cool!
25  test("reservation create - error fascia oraria non valida", async () => {
26      const date = new Date();
27      const reservation = {
28          date: date.toUTCString(),
29          start: '10:00',
30          end: '11:00',
31          studyroom: '63c45cb6cb5f3d03f85cb5c8',
32          user: '',
```

PROBLEMS 14 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
----------|---------|----------|---------|---------|-------------------
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       3 passed, 3 total
Snapshots:   0 total
Time:        2.147 s, estimated 8 s
Ran all test suites matching /__tests__\\reservationCreate.js/i.
```

ReservationCreate2

```
        user: '',
    }
    const username = ''
    const password = ''
    try{
        const {data} = await request.post('student/login', { username, password })
        request.defaults.headers.common.Authorization = data['data']['token']
        await request.post('reservation/create', reservation);
    }catch(e){
        if(e['response']['status'] != 400)
            throw new Error('Richiesta andata a buon fine');
    }
});
Complexity is 5 Everything is cool!
test("reservation create - errore giorno passato", async () => {
    const date = new Date();
    const reservation = {
        date: 'Wed, 14 Jun 2017 07:00:00 GMT',
        start: '9:00',
        end: '11:00',
        studyroom: '63c45cb6cb5f3d03f85cb5c8',
        user: 'M.',
    }
    const username = ''
    const password = ''
    try{
```

PROBLEMS 14 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
----------|---------|----------|---------|---------|-------------------
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       3 passed, 3 total
Snapshots:   0 total
Time:        2.147 s, estimated 8 s
Ran all test suites matching /  tests  \\reservationCreate.js/i.
```

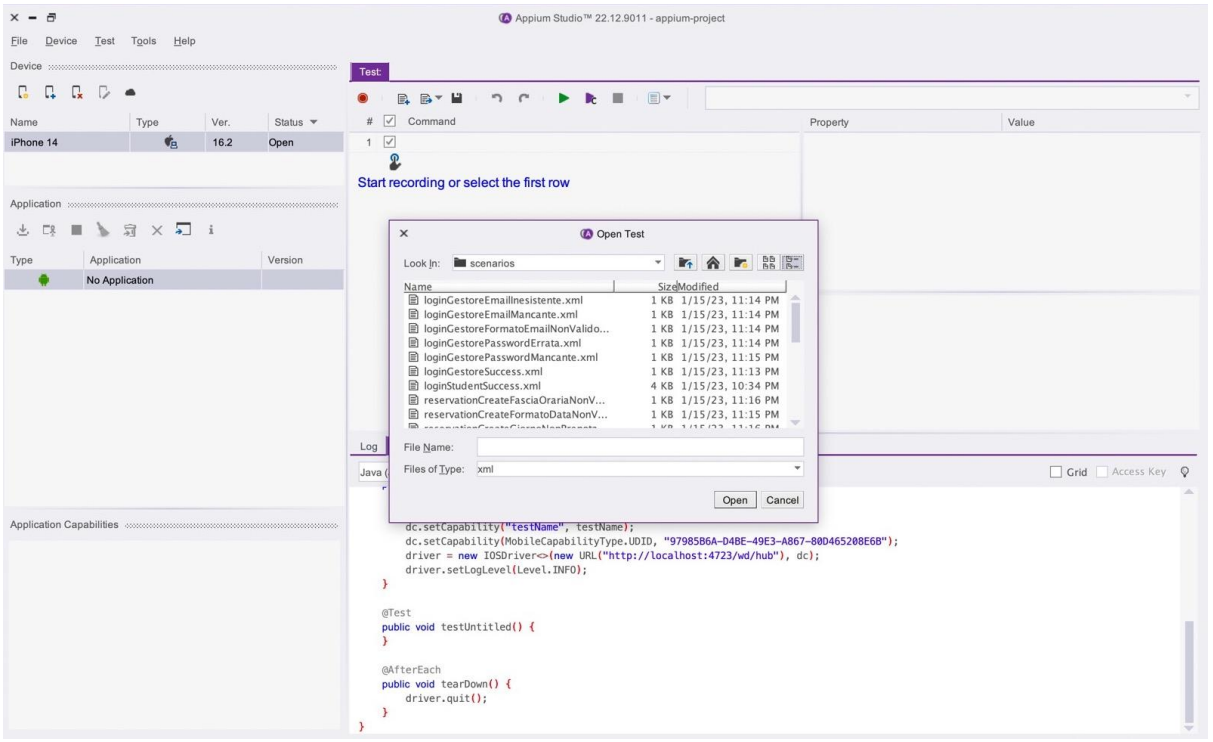
ReservationCreate3

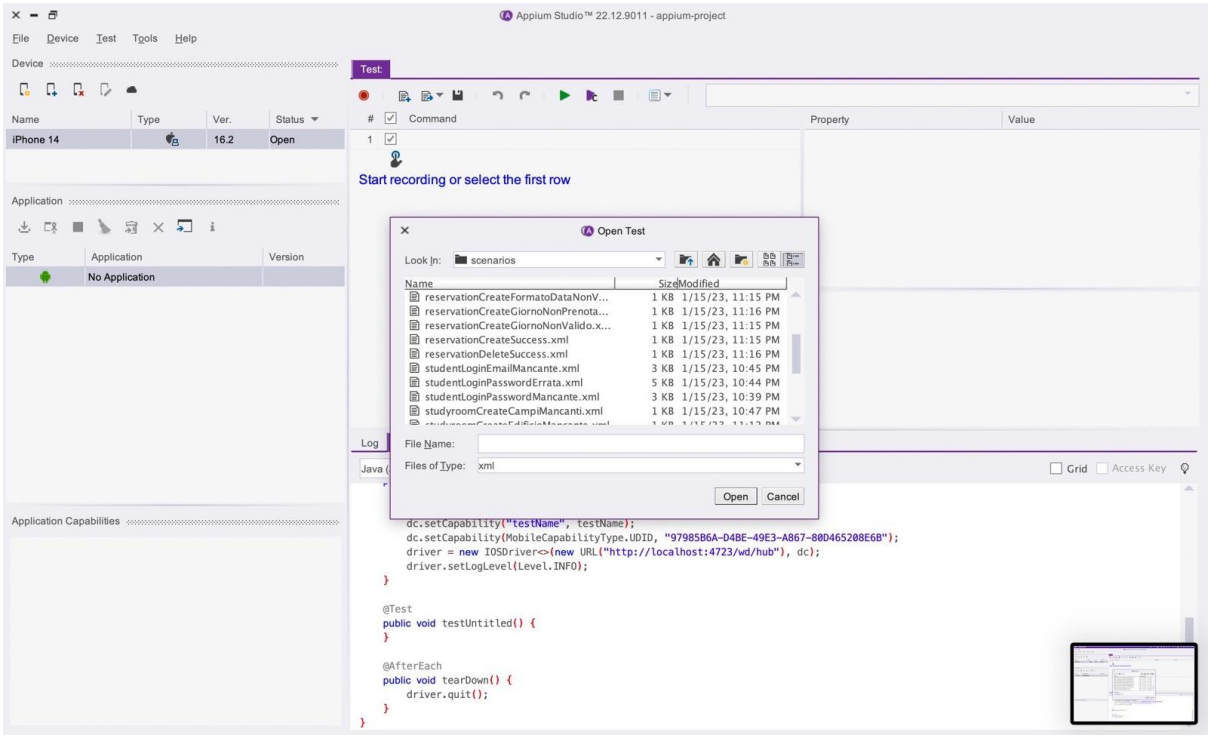
```
56      try{
57          const {data} = await request.post('student/login', { username, password })
58          request.defaults.headers.common.Authorization = data['data']['token']
59          await request.post('reservation/create', reservation);
60      }catch(e){
61          if(e['response']['status'] != 400)
62              throw new Error('Richiesta andata a buon fine');
63      }
64  });
```

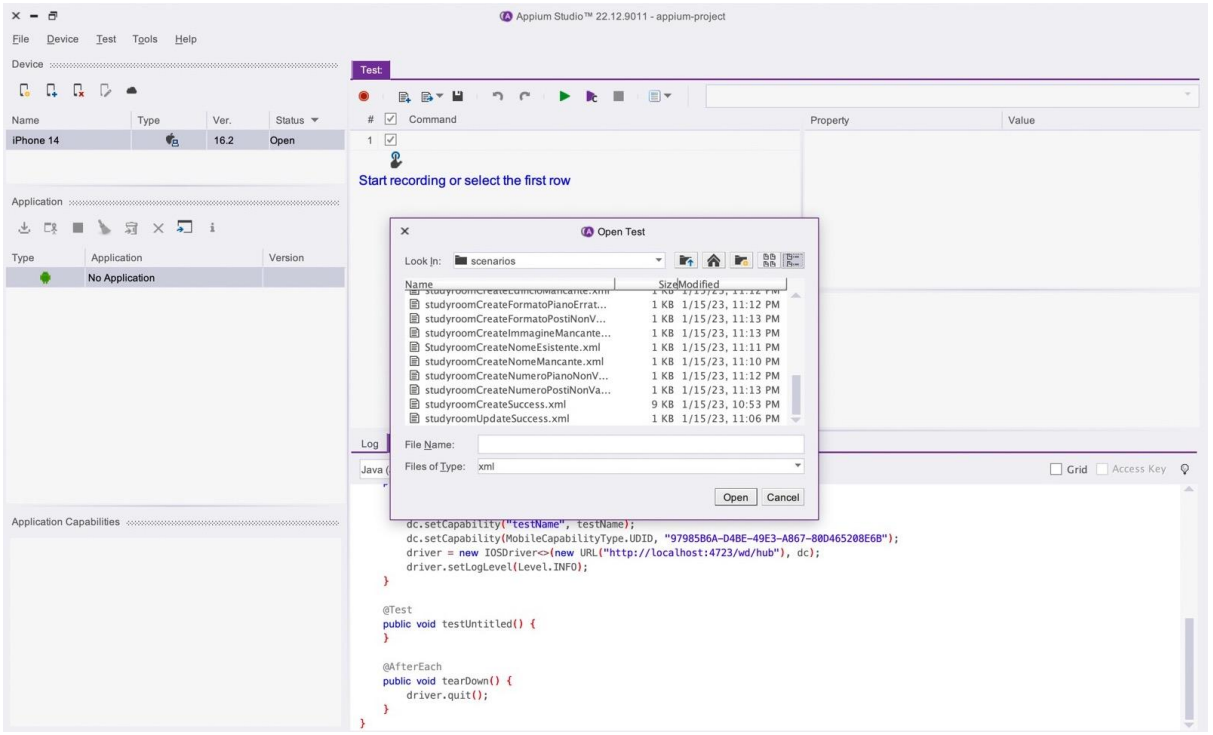
PROBLEMS 14 OUTPUT DEBUG CONSOLE TERMINAL AZURE COMMENTS

```
----------|---------|----------|---------|---------|-------------------
File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
----------|---------|----------|---------|---------|-------------------
All files |       0 |        0 |       0 |       0 |
----------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       3 passed, 3 total
Snapshots:   0 total
Time:        2.147 s, estimated 8 s
Ran all test suites matching /__tests__\\reservationCreate.js/i.
```

2. Testing in AppiumStudio






Appium Studio™ 22.12.9011 - appium-project
File Device Test Tools Help
Device
Name Type Ver. Status
iPhone 14 16.2 Open
Application
Type Application Version
No Application
Application Capabilities
Test
Command
Property Value
1
Start recording or select the first row
Open Test
Look In: scenarios
Name Size Modified
studyroomCreateFormatoPianoErrat... 1 KB 1/15/23, 11:12 PM
studyroomCreateFormatoPostiNonV... 1 KB 1/15/23, 11:13 PM
studyroomCreateImmagineMancante... 1 KB 1/15/23, 11:13 PM
StudyroomCreateNomeEsistente.xml 1 KB 1/15/23, 11:11 PM
studyroomCreateNomeMancante.xml 1 KB 1/15/23, 11:10 PM
studyroomCreateNumeroPianoNonV... 1 KB 1/15/23, 11:12 PM
studyroomCreateNumeroPostiNonVa... 1 KB 1/15/23, 11:13 PM
studyroomCreateSuccess.xml 9 KB 1/15/23, 10:53 PM
studyroomUpdateSuccess.xml 1 KB 1/15/23, 11:06 PM
File Name:
Files of Type: xml
Open Cancel
Log
Grid Access Key
dc.setCapability("testName", testName);
dc.setCapability(MobileCapabilityType.UDID, "97985B6A-D4BE-49E3-A867-80D465208E6B");
driver = new IOSDriver<>(new URL("http://localhost:4723/wd/hub"), dc);
driver.setLogLevel(Level.INFO);
@Test
public void testUntitled() {
@AfterEach
public void tearDown() {
driver.quit();