POLITECNICO
MILANO 1863

SOFTWARE ENGINEERING II
COMPUTER SCIENCE AND ENGINEERING

Design Document
Students&Companies

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Academic Year:
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3.2.2. Use Cases

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Figure 3.1: Student Login

[UC2] - CompanyLogsIn: CompanyLogIn

Company | S&C Application

Open application

Show login interface

Clicks "Sign In"

Enters credentials and confirms

alt [Successful login]

Display home page

[Wrong credentials]

Return error and prompt retry
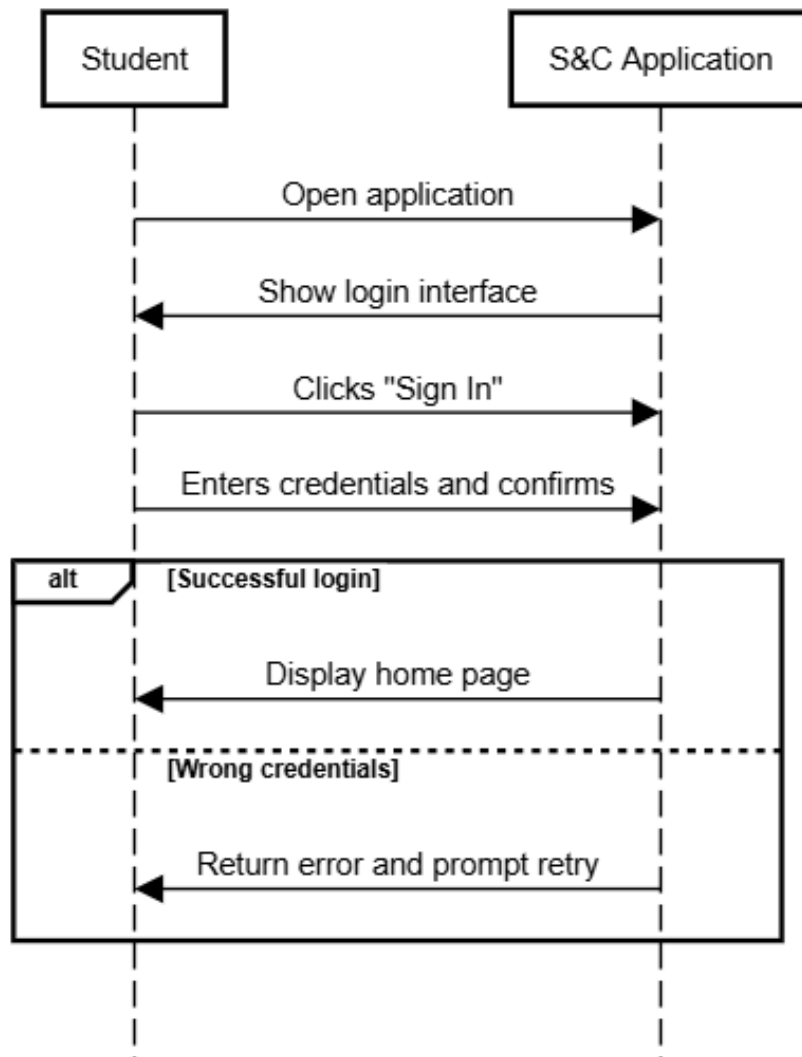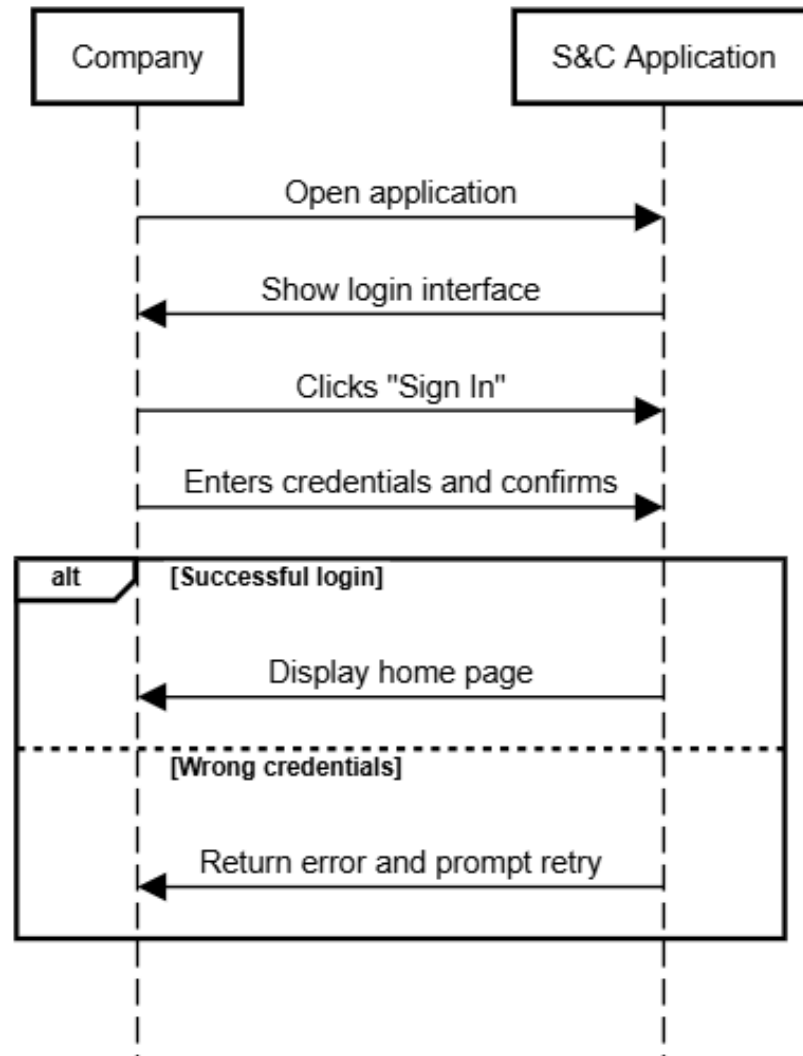
Figure 3.2: Company Login

[UC3] - UniversityLogIn: UniversityLogIn

```
┌──────────────┐                    ┌──────────────────┐
│  University  │                    │ S&C Application  │
└──────────────┘                    └──────────────────┘
       │                                     │
       │          Open application           │
       │────────────────────────────────────▶│
       │                                     │
       │          Show login interface       │
       │◀────────────────────────────────────│
       │                                     │
       │           Clicks "Sign In"          │
       │────────────────────────────────────▶│
       │                                     │
       │      Enters credentials and confirms│
       │────────────────────────────────────▶│
       │                                     │
   ┌───┴─────────────────────────────────────┴───┐
   │ alt   [Successful login]                     │
   │   │                                     │    │
   │   │          Display home page          │    │
   │   │◀────────────────────────────────────│    │
   │···┼·····································┼····│
   │   │   [Wrong credentials]               │    │
   │   │                                     │    │
   │   │      Return error and prompt retry  │    │
   │   │◀────────────────────────────────────│    │
   └───┴─────────────────────────────────────┴───┘
       │                                     │
```
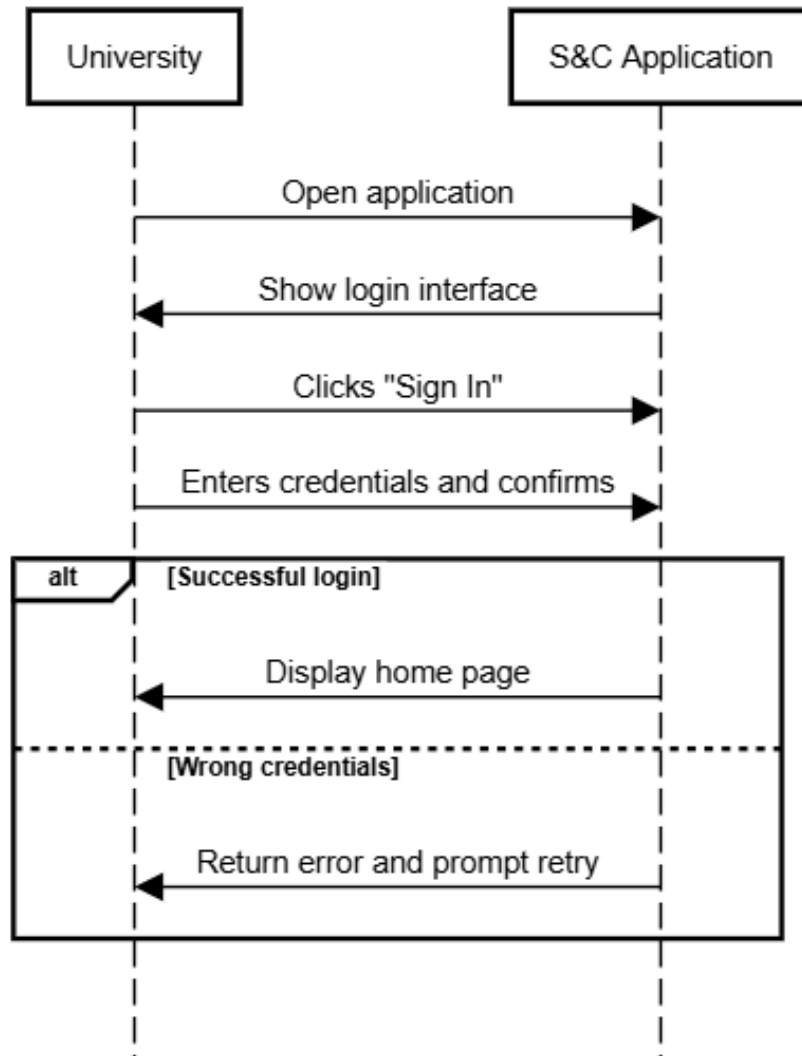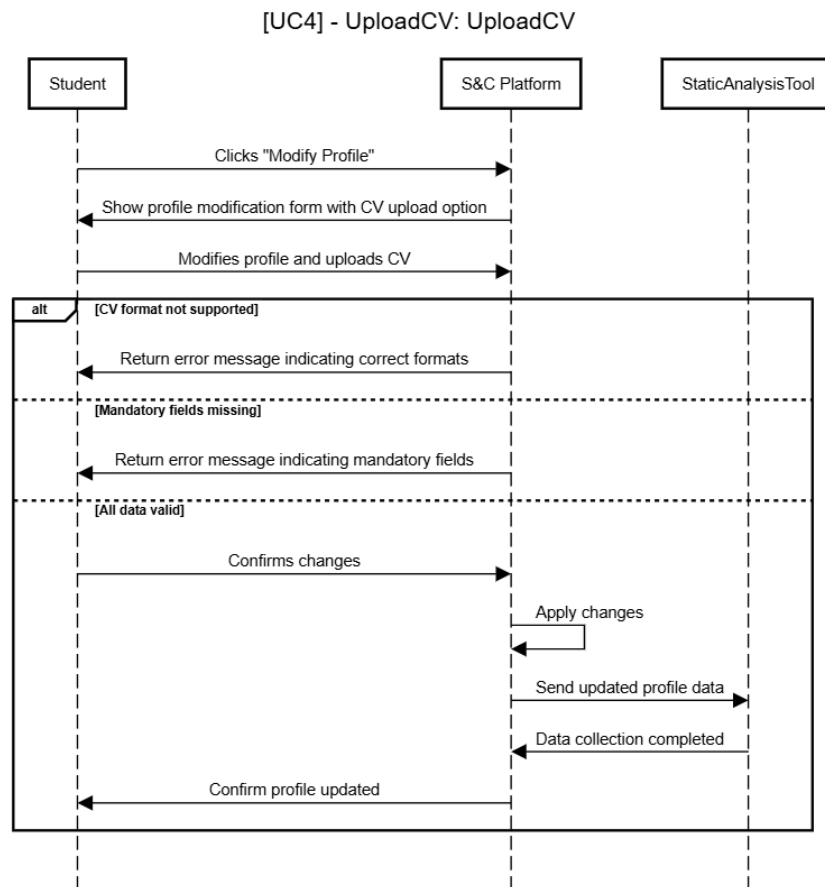
Figure 3.3: University Login

Figure 3.4: Upload CV

Figure 3.5: Upload Projects

[UC6] - StartSelectionProcess: StartSelectionProcess

Student	S&C Platform	Company

Visit project page →

alt [Time window for requests has ended]

← Display error message: "Time window has closed"

[All places have been assigned]

← Display error message: "All places have been filled"

[Request submission valid]

Clicks "Start Selection Process" →

Notify company of student's request →

← Visit student's profile

← Download student's CV

← Visit project's request page

← Accept student for selection process

← Notify student of acceptance

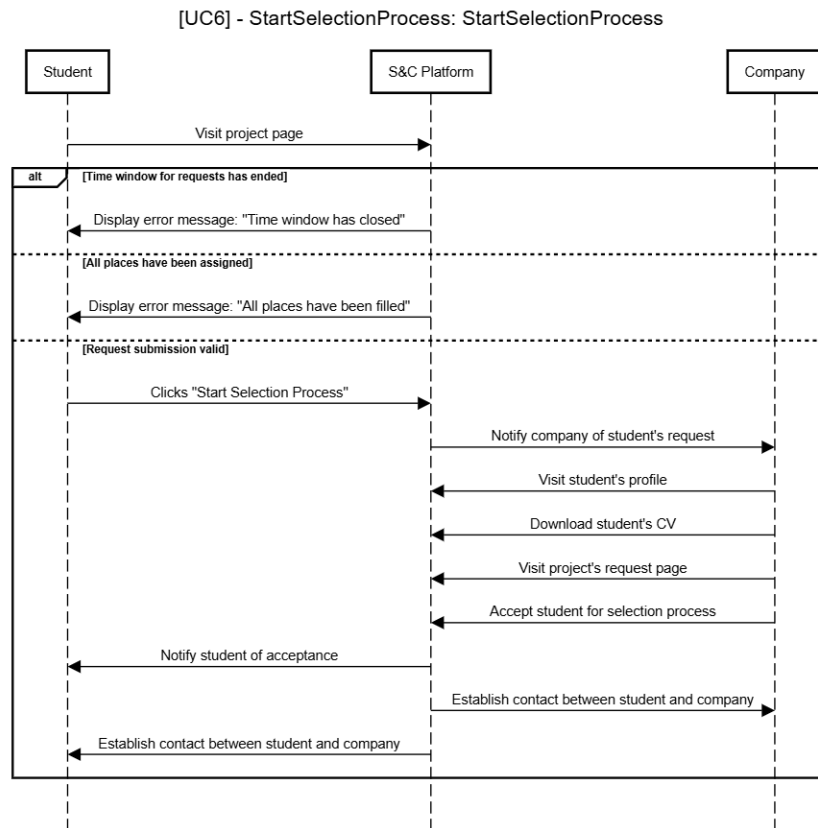Establish contact between student and company →

← Establish contact between student and company

Figure 3.6: **Start Selection Process**
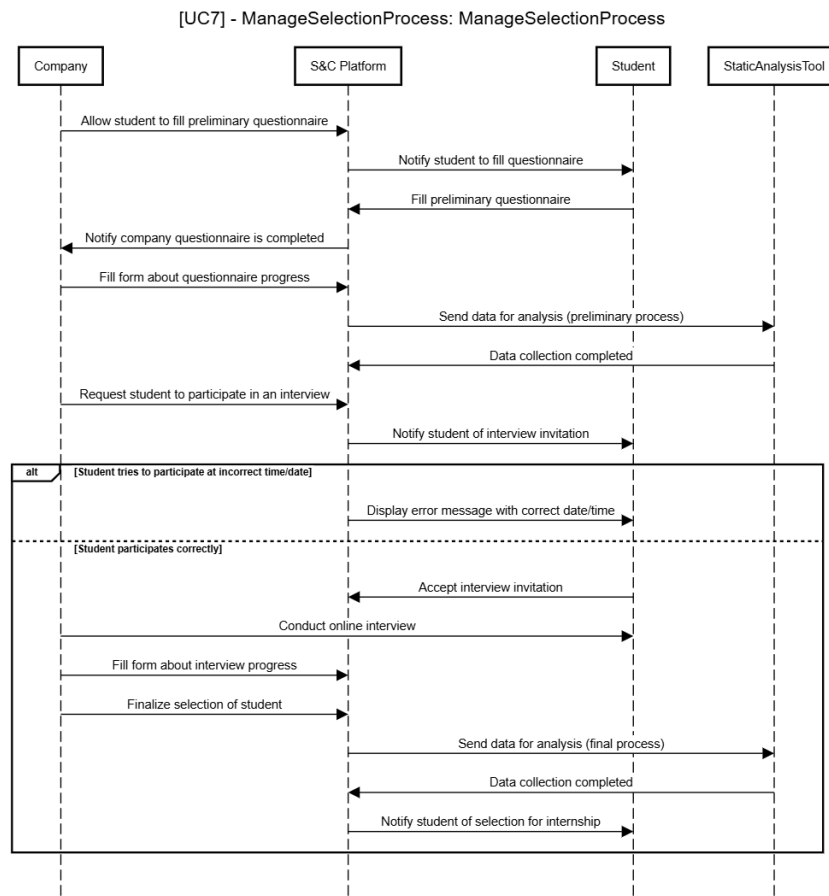
Figure 3.7: Manage Selection Process

[UC8] ManageInternship: ManageInternship

Company	S&C Platform	Student	StaticAnalysisTool

Finalize selection of student for internship

Create internship page for student

Open communication channel

Notify student communication channel is open

Notify company communication channel is open

Publish internship start information

Notify student about internship start information

Communicate with company (UC11)

Publish current status of internship

alt [Student provides feedback]

Write comments in dedicated space

Notify student of new publication

Confirm internship end

Notify student internship is over

Notify company internship is over

Close communication channel

Delete internship page for student

Collect internship data

Data collection completed

alt [Student tries to write in restricted space]
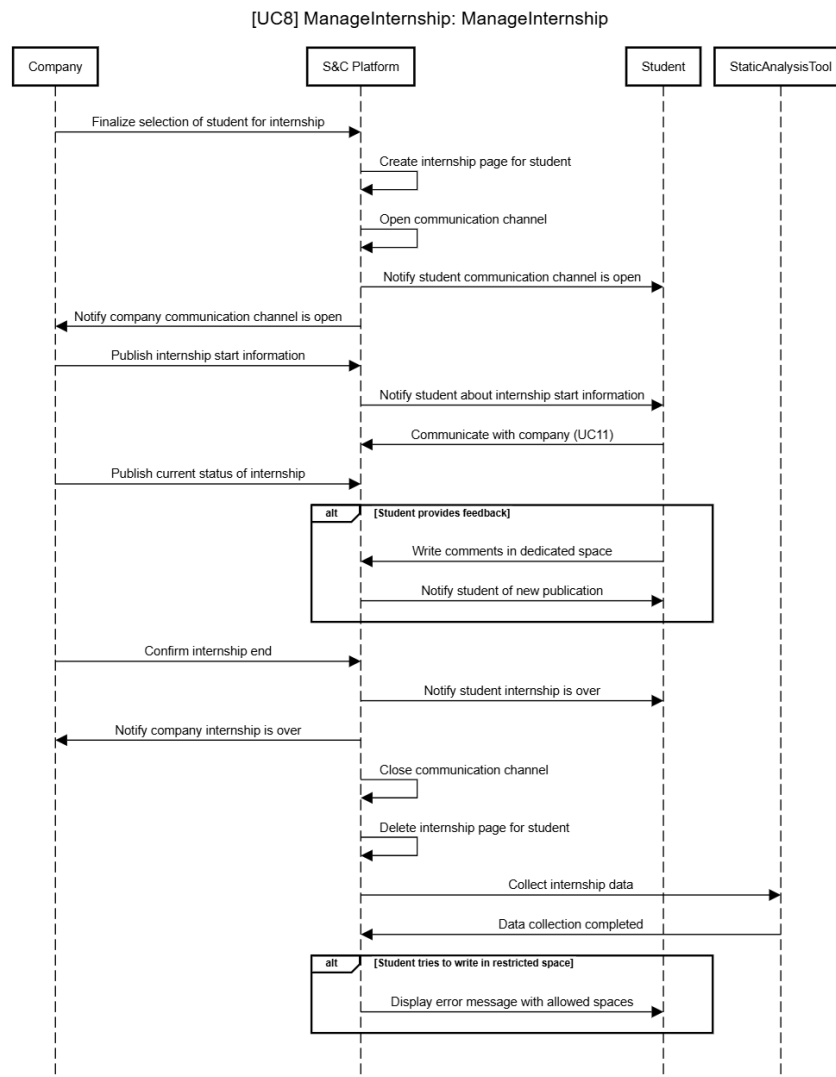
Display error message with allowed spaces

Figure 3.8: Manage Internship

[UC9] - Communicate: Communicate
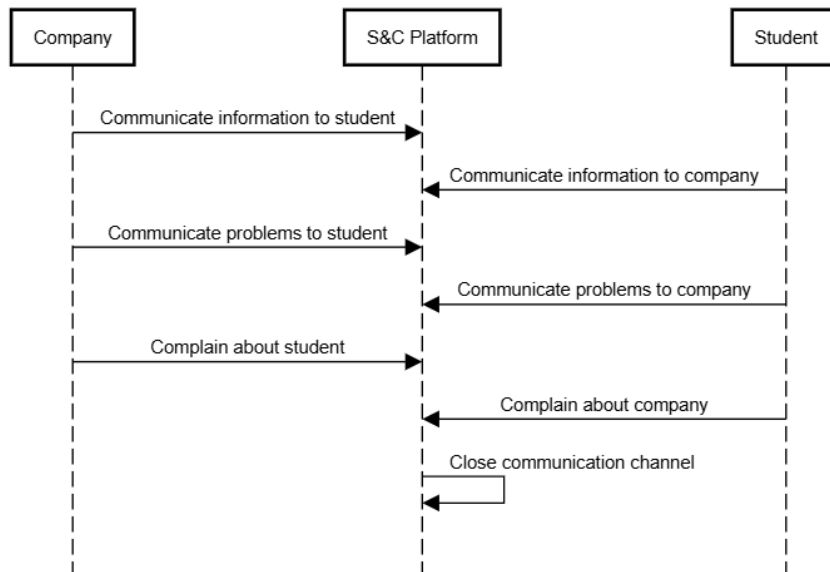

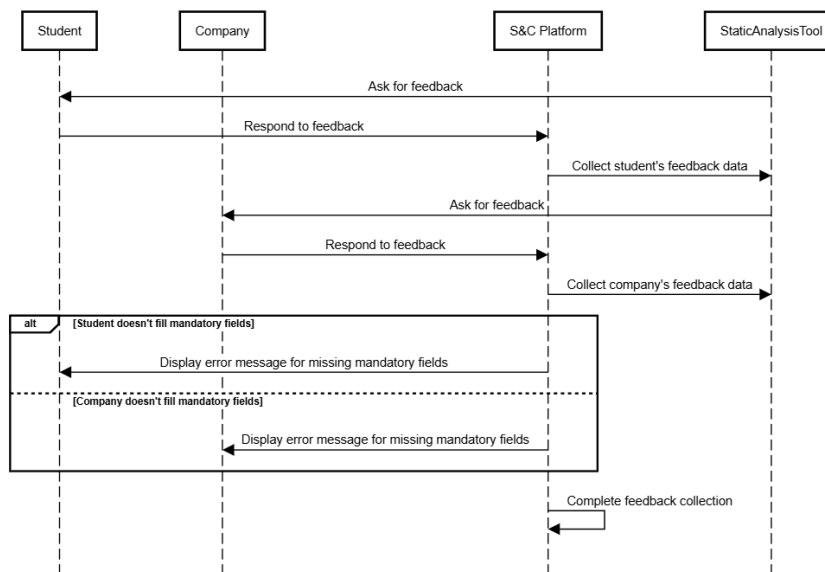
Figure 3.9: Communicate

[UC10] - AskFeedback: AskFeedback

Figure 3.10: Ask Feedback
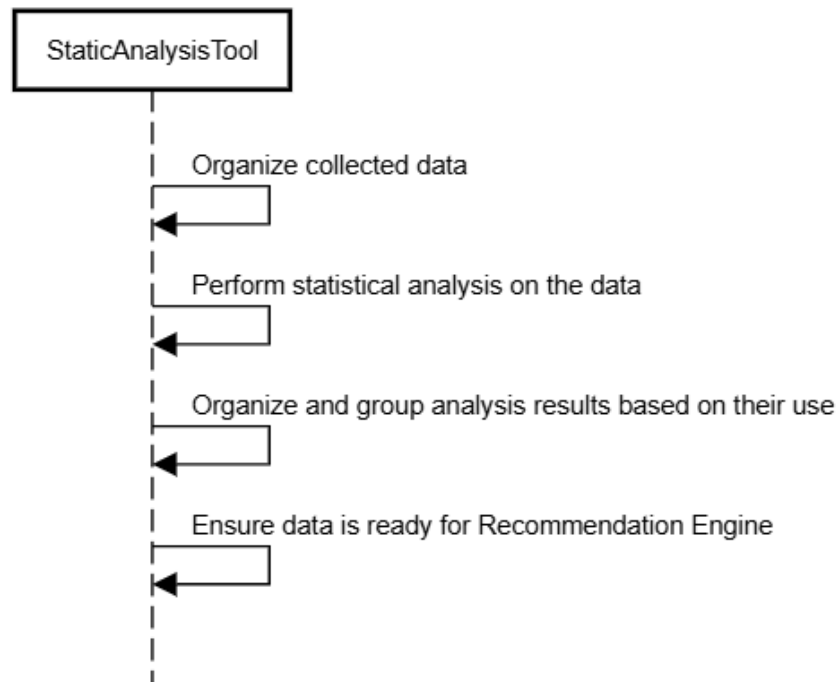
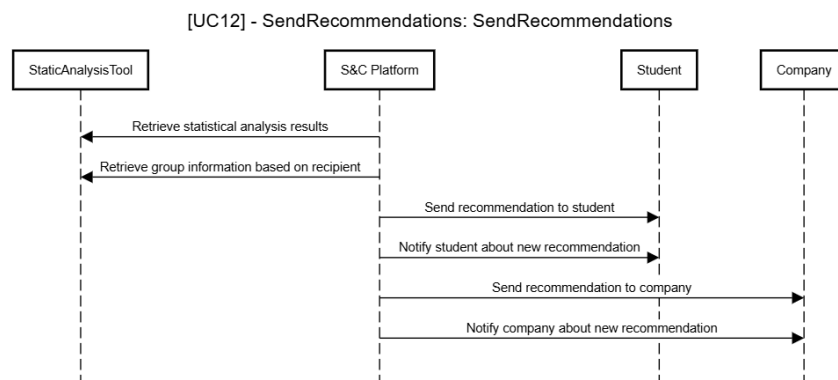| - ConductStatisticalAnalysis: ConductStatisticalA⌐

StaticAnalysisTool

Organize collected data

Perform statistical analysis on the data

Organize and group analysis results based on their use

Ensure data is ready for Recommendation Engine

Figure 3.11: Conduct Statistical Analysis

[UC12] - SendRecommendations: SendRecommendations

| StaticAnalysisTool | S&C Platform | Student | Company |

Retrieve statistical analysis results

Retrieve group information based on recipient

Send recommendation to student

Notify student about new recommendation

Send recommendation to company

Notify company about new recommendation
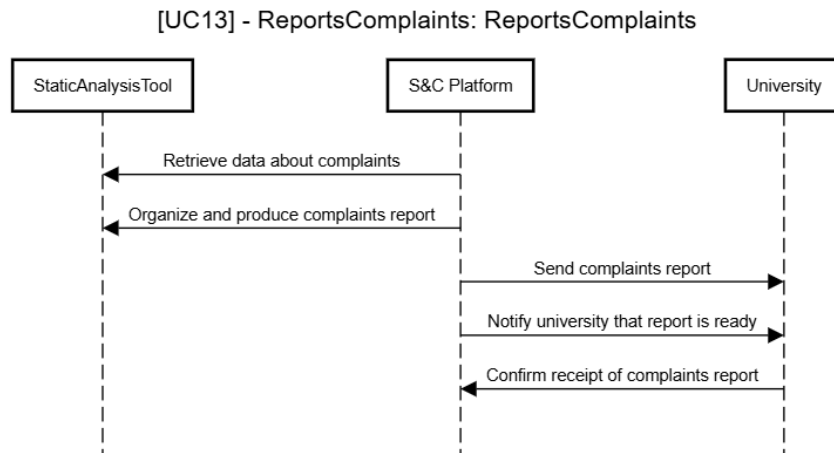
Figure 3.12: Send Reccommendations
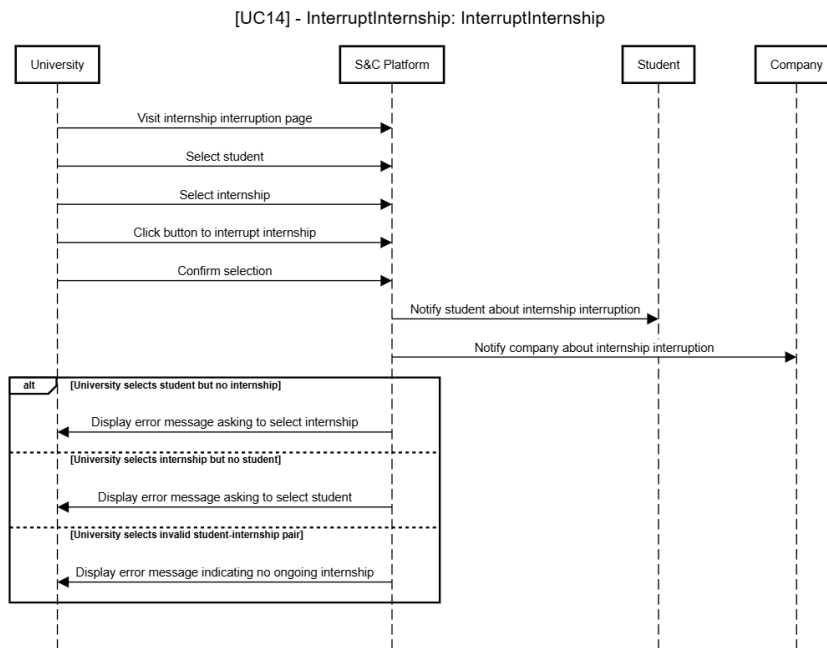
Figure 3.13: Reports Complaints

Figure 3.14: Interrupt Internship

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8 | Per fare prove

Ciao ragazzi come va?

Guardate questo link importantissimo: [1]

Questo lo ho aggiunto dopo.

Questo aggiunto dopo da VS code direttamente.

modifica in chimata

Bibliography

[1] Simone. provabibliografia, 2024.

List of Figures

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