



UX Enhancement for SchoolBell.chat

Stella Fu | Graduate Diploma in ICT | Ara Institute of Canterbury Ltd | Semester 2, 2021



About SchoolBell.chat

Building a bright future for children.

- Transform communications between parents and teachers by providing modern technology solutions to the education sector

Project Goal

Add features to make user experience more friendly.

- UI/UX Enhancement: dashboard
- Relationship Management

Methods

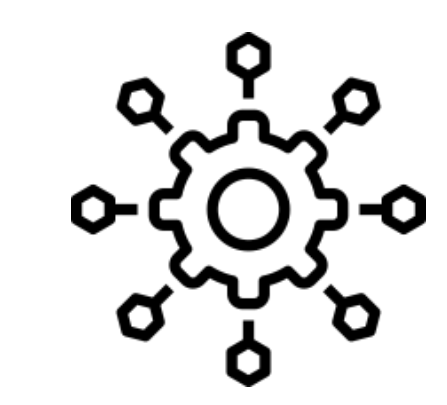
Working Remotely.

Agile (Scrum)
daily stand-ups, sprint planning & retrospective

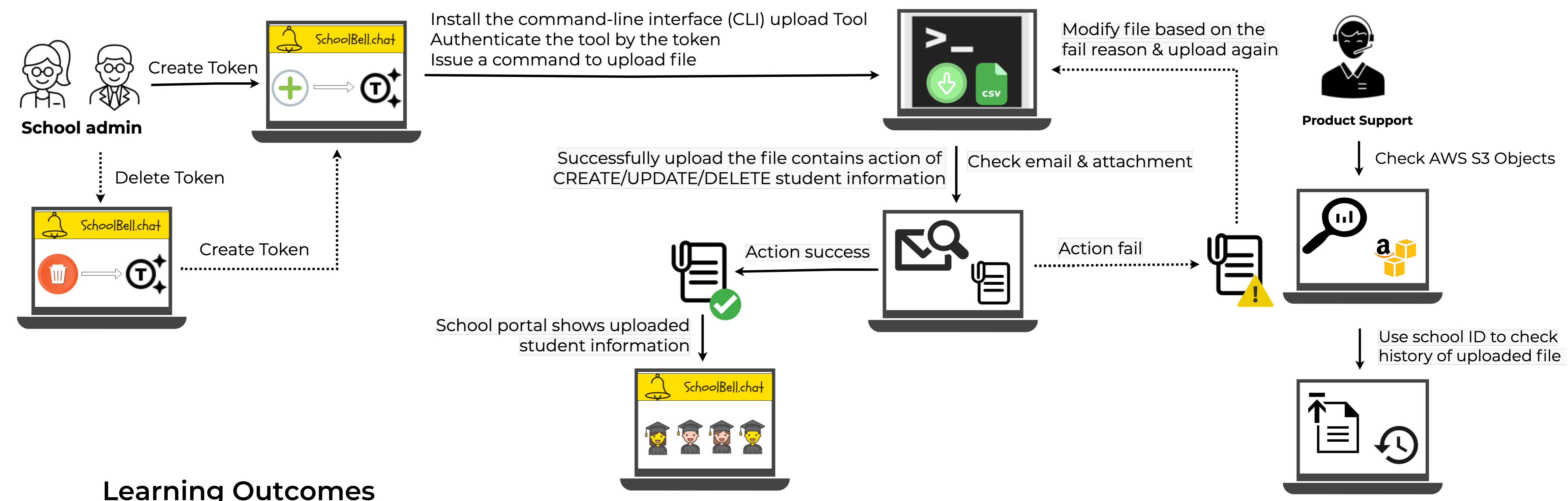
Git Command
feature branch & commit

Jira project & task management

Teams communication & file sharing



Deliverables & Outcomes



Learning Outcomes

Sequence Diagram

```
sequenceDiagram
    actor Admin as Administrator
    participant UI as School Portal UI
    participant Controller
    Admin->>UI: click: create token
    UI-->>Admin: prompt to ask password
    Admin->>UI: enter: password
    UI->>Controller: /token: schoolId, password
```

Front-end

Angular, TypeScript, Vue.js

Back-end

serverless, AWS, S3

Database

mongoDB Compass

Professional Practice

- Communication
- Problem-solving
- Flexibility
- Teamwork
- Documentation



SchoolBell.chat

Course Convenor: Dr David Weir
Academic Supervisor: Amit Sarkar
Industry Supervisor: Vinay Varma

