Dataflow Diagram

Teacher user

Student/Parent user

Landing page

Register

Teacher Login

*Find login code in database and identify student

Verify student

Student Login

Error message if login code not found

*Username, password, first name and last name, school name data

Sign up data

Username and password

Error message

User Collection

Student/Class collection

Verified succesfully if login code found

Student Home page

* If username and password don't match or not found

Class /student data

JSON response success or error message

*If username and password match and found in database - Authorised as a teacher user

JWT auth data

Teacher Home page/portal

HTTP method (POST) Student name, year level, login code data

HTTP PUT or DELETE methods to update or delete students/class

*Student Id *optional values to update

Create a class Add/update/ delete students

JSON response

Request class list and student details

Post reading data info

*Book title Book rating Comments

List of reading comments

Individual student reading data

Favourite books

Class and student lists

Return JSON response

Home reader collection

Reader data

All pages require appropriate authorisation

Each page is able to query the database

Legend

Process

Data store

Page

User

Teacher

Parent

Additional info