# **SEPT - Eclectus Team 9**

By Josiah, Rhys, David and Dichen

GitHub: https://github.com/DichenHu/major-assignment

Jira: <a href="https://ahwm.atlassian.net/jira/software/projects/ROO/boards/1/backlog">https://ahwm.atlassian.net/jira/software/projects/ROO/boards/1/backlog</a>
CircleCI: <a href="https://app.circleci.com/pipelines/github/DichenHu/major-assignment">https://app.circleci.com/pipelines/github/DichenHu/major-assignment</a>

#### **New User Stories / Functionalities**

A number of user stories and functionalities have been completed / partially completed throughout Milestone 2.

These include:

## - Customer Account Creation (localhost:3000/register)

Accounts can now be created with details stored within a database: These include an email, username and password

#### - Customer Login (localhost:3000/login)

In addition to the above functionality customers can also login using created login details. Details upon login are checked against details stored in the database. This feature can be fully checked through PostMan where a successful login will be reflected with valid details and an error message for invalid details.

# - Customer PayPal API transaction (localhost:3000/payment)

Although not entirely fleshed out, navigating to localhost:8080/paypal demonstrates the payment menu that will be fully integrated with the Book functions once completed. Clicking Paypal will link to a PayPal payment menu

## - Book List (http://localhost:3000/account/soldbook)

Unfortunately issues with the back end prevented this function from being fully completed however there is presently a hardcoded display of books. Future changes will include having these books instead pulled from the database

Account Management Sidebar (http://localhost:3000/payment/mastercard)
 Sidebar to facilitate future account management features

# Database integration

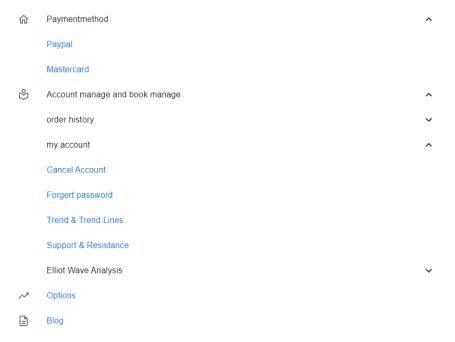
Rather than relying on the h2console database a new database has been integrated without an API, for the purpose of milestone 2 we have implemented the code but have decided to keep it as a different file so that other aspects of the program can be tested with the working h2 console as SQL has not been enabled via amazon services.

### - Dockerization / CircleCl integration

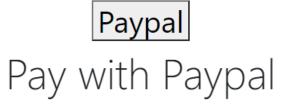
The app has been Dockerised and added to CircleCI in order to facilitate continuous integration.

#### **New Feature URLs:**

- localhost:3000/register
- localhost:3000/login
- localhost:3000/payment
- localhost:3000/account/soldbook
- localhost:3000/payment/mastercard



New sidebar



Enter your email or mobile number to get started

Welcome using Paypal

PayPal

forget password?

Submit

Paypal payment page

## **Testing**

User Acceptance Testing has been utilised in this Milestone, with each test displayed in an updated document.

Test #	Steps To Execute	Expected Result	Pass	Fail	Comments
USER	STORY 1: Customer Account Creation				
1	Open browser	Home page displays without errors			Complete
2	Open home page				
3	Press create an account button	The account creation form is loaded			
4	Enter valid account details (with account type customer) and press create	A. The customers account is created and a confirmation is displayed to the customer     B. The customers details are created and stored in the database			
USEF	R STORY 11: Customer PayPal API transaction				
1	open API for Paypal	Page pop up without error			Needs further book implementations
2	Custer pay page link to API of PayPal	When link was success, the payment methods will pop up			
3	After Customer pay the money, they get transaction number, and a prove	The number pop out and customer jump to the prove page			

Except from the testing document

Passed steps are marked with a green box, and failed with a red box, with comments briefly discussing what needs to be fixed in order to match the definition of done.

Review current and previous transaction history	Rhys	medium	high	Not started	A customer can review current and
10 View the book cover and contents page	Rhys	high	low	PROGRESSED	A customer can view a PDF with the
11 Customer PayPal API transaction	dichen	medium	high	PROGRESSED	Customer will able to access the
12 Transaction by customer can be cancel at first 2 hours	dichen	low	medium	not started	The system will be able to access

The Product Backlog has additionally been updated to reflect completed features.

In addition to this, some react testing has been added, although not completely fleshed out at the present stage. This can be initiated through:

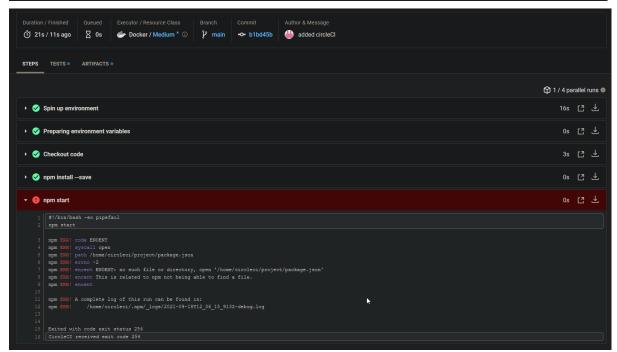
#### npm test

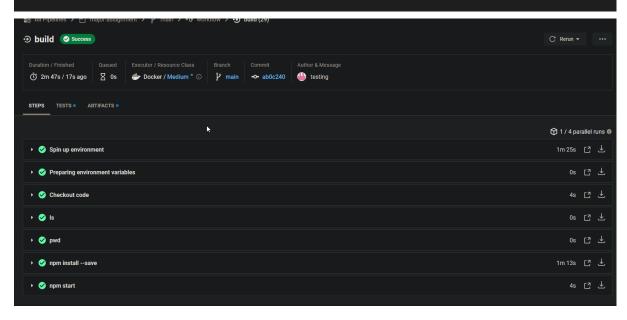
а

```
Test Suites: 4 failed, 4 total
Tests: 0 total
Snapshots: 1 file obsolete, 0 total
Time: 5.123s
Ran all test suites.
```

Unit Tests and Boundary Tests were decided to be left for the next Milestone

# CircleCl Config 1:





```
ssignment > .circlect > 🗜 config.yml > 📢 workflows > 📢 bulld_and_test > [ ] jobs >
    JSON schema for CircleCl configuration files (circleciconfig.json)
    version: 2.1
      buildFront:
        working_directory: ~/major-assignment/FrontEnd/myfirstapp
        - image: circleci/node:12.18.1
            path: ~/major-assignment
          - run: npm install --save
         - run: npm start
       working_directory: ~/major-assignment/BackEnd/loginmicroservices
        - image: circleci/openjdk:stretch
            path: ~/major-assignment
          - run: ./mvnw package && java -jar target/ms_[microservice]-0.0.1-SNAPSHOT.jar
    workflows:
      build_and_test:
26
          - buildBack
```



# Percentage of contributions:

David Atanasov: 25%

Josiah Webster: 25%

Dichen Hu: 25%

Rhys Mallia: 25%

# **Contributions**

Front end dev:

Dichen, David						
Back end dev:						
Josiah, Rhys						
CircleCl integration:						
Josiah, dichen, Rhys						
User acceptance testing:						
Josiah						
Product backlog update:						
Josiah						
React test cases:						
Dichen						
Dockerization:						
Josiah, Rhys						
MySQL integration:						
Rhys						
Active communications:						
Whole Group						
Jira utilization:						
Whole group						
Github:						
Dichen Hu						
Rhys Mallia						
Josiah						
Scrum:						
Rhys Mallia						