# Criterion E – Evaluation

## **Evaluation of the product:**

The following evaluation is based upon the feedback from the client (Appendix C) and my personal evaluation of the product.

| | Success Criterion | How 'mph_scheduler' achieved this |
|---|---|---|
| ✓ | A | This criterion was greatly successful. Whenever the user visits the web app, they land at the login page and cannot access the teacher or student schedule pages, even through direct URLs, without logging in first. |
| ✓ | B | This criterion was greatly successful. This criterion was Teachers can add new lessons, edit and delete pre-existing ones on the teacher schedule page. |
| ✓ | C | This criterion was greatly successful. When a student logs in, they are taken to the default schedule view which does not have any buttons or links to edit, delete or add lessons. |
| ✓ | D | This criterion was met with fairly good success. The implementation of browser cookies was arduous. The cookies remember logins and their expiration logs out the user It is also not extremely secure as someone could enter a forged cookie into their browser to access the schedules. |
| ✓ | E | This criterion was met with mediocre success. While adding lessons, they can only enter their own details, but when editing pre-existing lessons, they can still leave in old information which may contain the details of another teacher from that old lesson data. This was challenging to implement. |
| ✓ | F | This criterion was fairly successful. Apart from the time, the teachers do not have to manually type in any of the other details. With the use of drop-down selections, their details are filled in from the database and they just have to choose them. The date is chosen from a HTML calendar pop-up that is browser specific. |
| ✓ | G | This criterion was greatly successful. The database was used to store login information of all students and teachers, and while logging in would be checked against this data and allow access to the schedule only after a successful match. |
| ✓ | H | This criterion was greatly successful. The use of ArrayLists allows the addition of an (theoretically) unlimited number of lessons. |

## <u>Improvements and further development:</u>

After feedback from the client (Appendix C), the following improvements were brought out:

1. **Feature to create new users (students or teachers)**

   The ability for the activities manager (the client) to have a separate login, from which

   he can add in new students or teachers without having to manually access the database.

2. **Search for lessons**

   Implementation of a search box where a user can search for a lesson using any one of

   the lesson details.

3. **Downloadable schedule**

   Addition of a download button that allows users to download the schedule as a PDF.

(For final approval see Appendix D)

**Word Count: 417**