

CS/EE 120A Lab Report

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Section: 026

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Lab number and title: Lab 4 Sequential Logic Design

Note: every individual must submit a unique lab report form.

Summarize (in your own words) the subject of this lab:

The goal of this lab is to program variables and states into our system. This resulted in us working on FSM for our flight attendance system.

Describe the new concepts covered in this lab:

The concept we covered in class today was FSM. We learned how to use states to store what actions should be taken next.

Describe how this lab built upon previous ones:

We had to use our experience from programming on the board onto this project since we needed to make sure that our system was properly hooked up.

Describe the most difficult part of this lab for you:

The most difficult part of the lab was getting the variables working on the code since we had a hard time trying to understand how the language works with variables.

Describe problems you faced and how you solved them:

We looked at the sample code and took it apart and saw how every single variable would work. From there we were able to determine how variables are declared along with functions.

Do you verify that the code included with this report is your's and your partner's original work (yes/no)?

Yes

Submit your source code, testbench, and simulation output.

