

Software Design and Engineering

Lab Document

High Level Purpose Statement:	I already experimented with React in my last lab so for this lab I decided to just take it a step further and see what I would have to do to add an additional webpage to the project.
Experimental Design:	This just took additional research on how React and Spring Boot function together.
Resources Available:	<ul style="list-style-type: none">• Gradle documentation• Spring Boot documentation• React documentation• PostgreSQL setup guides• YouTube tutorials on Spring Boot and full-stack integration
Time Estimate:	I think I will spend about 2-3 hours on this since most of the project already exists.
Experiment Notes:	This actually was much harder than I thought it would be because I had to use React's Router which doesn't play nice with Spring Boot and Gradle for whatever reason. This ended up taking many hours more than I expected to get everything to work and I had to make adjustments to features in my backend to get it to work.
Results:	I was able to add a link below the movie ticket that takes you to another page for a prize.
Consequences for the Future:	I have further deepened my understanding of React.