**P.U.R.E. Research Plan Form**

### Mentee Information

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Date: 2/19/18

### Spring 2018 Research Plan

1) Write a brief outline of your research plan:

   a) Familiarize with technology
      - Test generator, Pex.
      - Implement Parameterized unit test
      - Decision Tree Learning, C.5 algorithm
   
   b) Conduct Experiments
      - Adapt open source projects
      - Basics of software engineering experimentation.

2) What do you hope to learn and achieve by the end of the semester?
   - Able to write Parameterized unit test (Punit) and 
     distinguish Puts from traditional unit test
   - Basic knowledge of test generators and ML algorithms

Mentee Signature: [Signature]  
Date: 2/19/18

Mentor Signature: [Signature]  
Date: 2/19/18