# sdmay18-09: Tool Support for Continuous Model-Based Verification of the Linux Kernel

Week 1 Report

September 2 - September 8

#### **Team Members**

Srinivas Dhanwada — Team Lead
Collin McIntyre — Scribe, Tool Integration Lead
Benjamin Weno — Automation Lead
Matthew Wall — Web Lead

### **Summary of Progress this Report**

We met with our adviser and clients (Dr. Kothari is both our adviser and our client) and received an overview of the project and determined expected deliverables. We also decided on team roles and responsibilities.

### **Pending Issues**

We're still missing some necessary resources that the client should provide (these resources should be made available to us during our meeting next week).

## **Plans for Upcoming Reporting Period**

We plan to get familiar with the platform we're developing on. Once we have the missing resources, we plan to begin development on automated Linux kernel patch generation. We also will meet with our adviser on Wednesdays from 5:30-6:30.

#### **Individual Contributions**

Team Member	Contribution	Weekly Hours	Total Hours
Srinivas Dhanwada	Srinu reached out to Dr. Kothari to set up our first meeting with him. Srinu also attended the meeting with Dr. Kothari and led the follow up team meeting the next evening.	5	5
Collin McIntyre	Collin attended and was engaged in our meeting with Dr. Kothari. He also helped to define the team's roles and responsibilities. He made contributions to our lightning talk presentation. He also wrote this week's weekly report.	5	5
Benjamin Weno	Ben was a major voice in determining roles and responsibilities for our team. He was also engaged in our meeting with Dr. Kothari. Ben also worked on the lightning talk presentation.	4.5	4.5

Matthew Wall	Matt helped to define the roles and responsibilities for our team. He also made contributions to our lightning talk presentation.	2	2