

# Project Plan

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January 14<sup>th</sup>, 2019

# Contents

<b>1</b>	<b>Project Title</b>	<b>1</b>
<b>2</b>	<b>Names and Email Addresses of Team Members</b>	<b>1</b>
<b>3</b>	<b>Faculty Sponsor</b>	<b>1</b>
<b>4</b>	<b>Client</b>	<b>1</b>
<b>5</b>	<b>Meeting(s) with the client for developing this plan</b>	<b>1</b>
<b>6</b>	<b>Goal and Motivation</b>	<b>1</b>
<b>7</b>	<b>Approach</b>	<b>2</b>
7.1	Compute Cluster . . . . .	2
7.2	Computer Systems . . . . .	2
7.3	Muon Tomography Station (MTS) . . . . .	2
<b>8</b>	<b>Novel Features/Functionalities</b>	<b>2</b>
8.1	Compute Cluster . . . . .	2
8.2	Computer Systems . . . . .	2
8.3	MTS . . . . .	3
<b>9</b>	<b>Technical Challenges</b>	<b>3</b>
<b>10</b>	<b>Design</b>	<b>3</b>
<b>11</b>	<b>Progress Summary</b>	<b>3</b>
<b>12</b>	<b>Milestone 4 (Feb 11)</b>	<b>3</b>
<b>13</b>	<b>Milestone 5 (Mar 18)</b>	<b>3</b>
<b>14</b>	<b>Milestone 6 (April 15)</b>	<b>3</b>
<b>15</b>	<b>Task Matrix for Milestone 4</b>	<b>3</b>
<b>16</b>	<b>Description of each planned task for Milestone 4</b>	<b>3</b>
<b>17</b>	<b>Approval from Faculty Sponsor</b>	<b>3</b>

# **1 Project Title**

Upgrade and Update of Computer Systems within Dr. Hohlmann's High Energy Physics (HEP) Research Groups

# **2 Names and Email Addresses of Team Members**

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Ryan Wojtyla	rwojtyla2015@my.fit.edu

# **3 Faculty Sponsor**

Dr. Eraldo Ribeiro, eribeiro@fit.edu

# **4 Client**

Dr. Marcus Hohlmann, mhohlmann@fit.edu

# **5 Meeting(s) with the client for developing this plan**

Weekly Monday meetings

# **6 Goal and Motivation**

The computer systems of the group have been in disarray for some time, and these issues have been hindering the progress of the group. The goal of the project is to repair and improve the group's resources to reduce the number of unnecessary obstacles the group must overcome in order to conduct their research.

## **7 Approach**

### **7.1 Compute Cluster**

### **7.2 Computer Systems**

### **7.3 Muon Tomography Station (MTS)**

## **8 Novel Features/Functionalities**

### **8.1 Compute Cluster**

### **8.2 Computer Systems**

The computer systems in the HEP lab store important data locally on their systems that are crucial to the

8.3 MTS

9 Technical Challenges

10 Design

11 Progress Summary

12 Milestone 4 (Feb 11)

13 Milestone 5 (Mar 18)

14 Milestone 6 (April 15)

15 Task Matrix for Milestone 4

16 Description of each planned task for Milestone 4

17 Approval from Faculty Sponsor

"I have discussed with the team and approve this project plan. I will evaluate the progress and assign a grade fo reach of the three milestones"

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Signature

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Date