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| --- |
| [Type the name of your project] |
| SE3910 • Lab 8 • Final Project |
|  |
| [Type your names here]  [Type the date here]  [Type something like Winter 2014-2015 here]  Milwaukee School of Engineering (MSOE)  Electrical Engineering and Computer Science (EECS)  Instructor: Dr. Josiah Yoder |
|  |

# Introduction

[In three to four sentences, in your own words, start from the broad and work toward the specific, describing what your report/project is about.]

# Final Design

## Class and Thread Structure

[Describe your class structure and threading choices here. Be sure to reference each figure with something like Fig. 1 somewhere in the text.]



Figure : UML diagram of final system

## Rate Monotonic Analysis

[Insert your rate monotonic analysis discussion here. Describe how you determined each number. (Is it a measurement from a previous lab? Is it computed from measurements? How was it computed?) Insert any tables either in this box, or below it. Is the algorithm guaranteed to be scheduled?]

## 

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| --- | --- | --- | --- | --- |
| Tasks Name | Period [Units] | Exec. Time [Units] | % CPU | Priority (1 highest) |
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|  |  |  |  |  |
| Total | – | – |  |  |

Figure : Rate Monotonic Analysis

## Division of Labor

[Describe how the development effort was divided among the various members of the team.]

## Effort Log

[Write the number of hours spent by each member of the team. Each member should also write the task that took them the most time, individually.]

## Testing Plan

[Describe the unit tests each student will perform on their subsystem.]

[Write, e.g., a bulleted list of the measurements you plan to make. When measurements in a single line, be sure to clearly specify exactly what parameters you will be varying and what parameters you will be measuring.]

## Test Results

[Describe the results of your tests. Include tables and numeric results, with units, as necessary. Correct any deviations from specification if possible.]



Figure : Photo of working videophone

# Conclusions

[Demonstrate that requirements have been met, or describe how they were not met.]

# What we learned

[What did you learn about real-time systems while working on this project? Two to three sentences are sufficient.]

# Comments on the Lab

[This is required. Enter anything you liked or could be improved about the lab.]