

# Software Engineering Group Project

## Interaction and high level Design for the system

*Author:* Group 03  
*Config. Ref.:* Not sure  
*Date:* 21 October 2015  
*Version:* 0.1  
*Status:* Draft

Department of Computer Science,  
Aberystwyth University,  
Aberystwyth,  
Ceredigion, SY23 3DB,  
U.K.

©Aberystwyth University 2015

## CONTENTS

<b>1</b>	<b>DEPLOYMENT DESCRIPTION</b>	<b>2</b>
1.1	Applications in the system . . . . .	2
1.2	Application interactions . . . . .	2
<b>2</b>	<b>INTERACTION DESIGN</b>	<b>2</b>
2.1	Use-cases . . . . .	2
2.2	User Interface design . . . . .	2
<b>3</b>	<b>COMPONENT DESCRIPTION</b>	<b>2</b>
<b>4</b>	<b>SIGNIFICANT CLASSES</b>	<b>2</b>
4.1	Interface Description . . . . .	2
<b>5</b>	<b>DETAILED DESIGN</b>	<b>2</b>
5.1	Sequence diagrams . . . . .	2
5.2	State diagrams . . . . .	2
5.3	Activity diagrams . . . . .	2
5.4	Significant data structures . . . . .	2
	<b>REFERENCES</b>	<b>3</b>
	<b>DOCUMENT HISTORY</b>	<b>4</b>

## **1 DEPLOYMENT DESCRIPTION**

### **1.1 Applications in the system**

- TaskerSRV - A MySQL server which will receive and store/delete task data via TaskerMan (Website) and TaskerCLI.
- TaskerMan - A website which can edit the records of TaskerSRV through a web interface using PHP, jQuery and Bootstrap.
- TaskerCLI - A Java program that will need use a email for authorisation to communicate with TaskerSVR using JDBC with MySQL driver.

### **1.2 Application interactions**

## **2 INTERACTION DESIGN**

### **2.1 Use-cases**

### **2.2 User Interface design**

## **3 COMPONENT DESCRIPTION**

## **4 SIGNIFICANT CLASSES**

### **4.1 Interface Description**

## **5 DETAILED DESIGN**

### **5.1 Sequence diagrams**

### **5.2 State diagrams**

### **5.3 Activity diagrams**

### **5.4 Significant data structures**

## REFERENCES

- [1] Nothing yet

## DOCUMENT HISTORY

Version	CCF No.	Date	Changes made to Document	Changed by
0.1	N/A	2015-10-20	Initial creation	OKM