

**Mobile system for monitoring vital signs**

**Members: Haonan Chen, Xiaotian Xia, Hudie Liu**

**Rongjiang Yang, Yiyang Li**

**Supervisor: Prof. Vladimir Brusic**

**GRP project proposal**

Contents

**1 Introduction and literature review1**

1.1 Vital sign monitoring2

1.2 Vital sign monitoring requirement2

1.3 Simulator system2

1.4 Overview of wearable devices sensor technology2

**2. Methodology & Design scheme4**

2.1 Technical requirement5

2.2 Monitoring system function5

2.3 Building a simulating system5

2.4 Data analysis and processing5

2.5 Integrated system5

**3. Main objectives and significance4**

**4. Plan4**

**5. Conclusion4**

**6. References4**

**Abstract**