

***Individual report of COMP1787 Requirements Management.***

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# Introduction:

Over the dozens of years since the first computers were created, humans have created many new languages ​​and technologies. Now developing an information technology project is extremely easy. However, based on statistics from Chaos research (2012), about 21% of projects fail and 42% have problems when applying traditional software development solutions. From there, we can see the role of software development methods. There are several main causes of software project failures that are not meeting customer expectations or being delivered on time / over budget. Luckily, developers soon noticed this, and the Agile development method is a perfect solution to all these problems. For the purposes of this paper, I will focus on the Scrum (Agile) method.

Within the scope of this report, besides clarifying the definitions and issues related to Scrum and Agile concepts, I will practice adopting it into Lizzie's Leather Belts case study to solve their problems. Finally, the report will also cover issues such as Legal, Social, Ethical and Professional.

# Management Summary

## Company overview

According to baseline case study, Lizzie’s Leather Belts is a medium-sized company with a leather belt business. They have ten years of experience in this field, and now because of changing marketing strategies accordingly, the company is growing rapidly. And the business owner wants to expand it even further. To do this, they want their leather belts to be widely available to the public through a website.

The company will have to hire the software development department from outside because it does not own it. In addition, the Managing Director of Lizzie’s Leather Belts has had bad experiences with projects developed by the 'waterfall' traditional method and wishes to find alternatives. Finally, she decided to choose True Concepts as a development company for their website with SCRUM and Agile concepts. The project will be deployed in 3 months from now.

They and Lizzie’s Leather Belts have the same industrial estate address. They have adequate facilities such as SCRUM stand up meetings, facilitated workshops and apply DSDM Atern framework to all projects. In addition, they will designate a dedicated team for each of their projects.

## Scrum/Agile concepts overview

## Explaining why Scrum/Agile are appropriate

## Advantages and Disadvantages of Scrum/Agile

# High level requirements analysis and MoSCoW prioritization

## Examining of original requirements

## Specifying of high-level requirements

## List of high-level requirements is rewritten

# Issues involve Legal, Social, Ethical and Professional.

# Conclusion:

# References

The standish group .(2012) CHAOS MANIFESTO 2012: The Year of the Executive Sponsor. Report number:64.