IMPETUS CORPORATION

EE 493 Design Studio 1

Business Statement Report





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# INTRODUCTION

Introduction: IMPETUS Corporation was established in September 2019 by five electrical and electronics engineering students at Middle East Technical University. The very first meeting of the company members took place at Çatı Cafe. The goal which brings the company members together is to produce intelligent solutions to everyday problems. The company pays attention to collect people from different fields of electrical and electronics engineering. The main specializations of the members are electronics, power electronics, and control. This field division among the members helps the company to come up with distinguished approaches to various problems, as well as to create an opportunity for the members to work on their area of specialization.

# VISION

Following the guiding mind and science, our aim is to be an innovative and environmental-friendly technology company for a sustainable and livable world.

# MISSION

Primarily focusing on the needs of clients, to create innovative, reliable, time and energy efficient solutions in the field of electrical and electronics engineering.

# HUMAN RESOURCES

Since the very first gathering of the IMPETUS Corporation, diversity is an essential element of the company. Different ideas and various point of views are the keys of developing a strong culture. For this purpose, IMPETUS Corporation aims to gather experts from divergent specialization areas.

Elif Merve ÖZALP – Electronics Specialist

Specialized in electronics field. Her interests in semiconductor devices and quantum physics lead her to be in electronics division in IMPETUS Corporation.

Emre Deniz ŞENEL – Power Electronics Specialist

Specialized in power electronics and electromechanical energy conversion field. He feels enthusiastic about autonomous electric vehicles and motor drivers.

Fahri TÜREDİ – Electromechanical Systems Specialist

Specialized in electromechanical systems and design. His passion for Formula1 and electric vehicles fosters him to be part of the IMPETUS Corporation.

Melike YILDIRIM – Control Systems Specialist

Specialized in control systems and bio robotics. Her interests mainly focus on bio-inspired intelligent machines and signal processing.

Yunus YİLMAZ – Computer and Communication Specialist

Specialized in computer systems and communication. His works on communication protocols and mobile applications lead him to be a computer specialist in IMPETUS Corporation.

# PROJECTS

## CAT FEEDING

## VALE PARKING

## GIMME FAST

## WHERE AM I?

In this project, our aim is to design and implement a map-extracting vehicle.

# CONCLUSION

# APPENDICES

--CV’leri buraya ekleyiniz.