# abstract

# introduction to ethereum smart contracts

## blockchain background

## ethereum - the world computer

## smart contracts

## decentralized app

# problem analysis and goals

## 3.1. problem – online shopping and insured delivery

## 3.2. DApp as a solution

## 3.3. requirements

# application and design

## backend design

## frontend design

## User to blockchain Communication

# development process

## writing smart contracts in solidity

## compiling, testing and deployment using truffle framework

## ganache, testnets

## web3, web3j

# summary an conclusions

## summery

## security issues

## problems and solutions

## future work

# references