FACULTY OF COMPUTING
UTM Johor Bahru

Subject	: Technology Information System (SECP1513)
Section	: 03
Task	: Project Proposal
Due	: 16/11/2023
Group	: **Tactic Tech**
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Client Background
● This IoT technology targeted students in Universiti Teknologi Malaysia

Existing technology/methods used by the client summary
● Washing machine
● Token machine system.
● Need to queue up in line
● No booking system
● No self-diagnosis system

Problem with Existing Technology
● Some people don't have the patience to wait and decide to cut the line or queue jump.
● The people in charge of maintenance were late
● Hard to find someone to exchange for chump change in order to buy a token
● Unclean clothes/unscented clothes due to clogged washing machine's filler
● It wastes money and time because user need to find another washing machine to rewash their clothes

Proposed idea to overcome the problems
● Create an app that has the following features:
  ○ user can directly report to the maintenance crew
  ○ user can detect any damage or problems through the app
  ○ user can detect washing machine's status such as the washer finished its spins or it is still in maintenance
  ○ user can book the washing machine early
  ○ user can use online transactions through the app
  ○ user can detect any laundry/washing machine nearby from their location
  ○ user can have a refund if the machine doesn't function well

Benefits/advantages of the proposed idea
● Efficient
● Convenient
● Save time, user doesn't need to queue
● Save money, can get a refund