



THE UNIVERSITY OF
MELBOURNE

from Uni to Work

Presented by Hannah Ha
@ Monday 31-Aug-2020



Career Goal & Direction



Uni → Work

Software Engineering + Internships

- Software Project
- Software Design & Architecture
- Software Testing
- Requirement Analysis
- Cloud Computing
- Mobile Computing

Process Automation & Cloud Infrastructure

- Automation
- DevOps
- Continuous Integration & Continuous Delivery (CI/CD)

Work = Automation

--- Goals ---

Improve the way we work

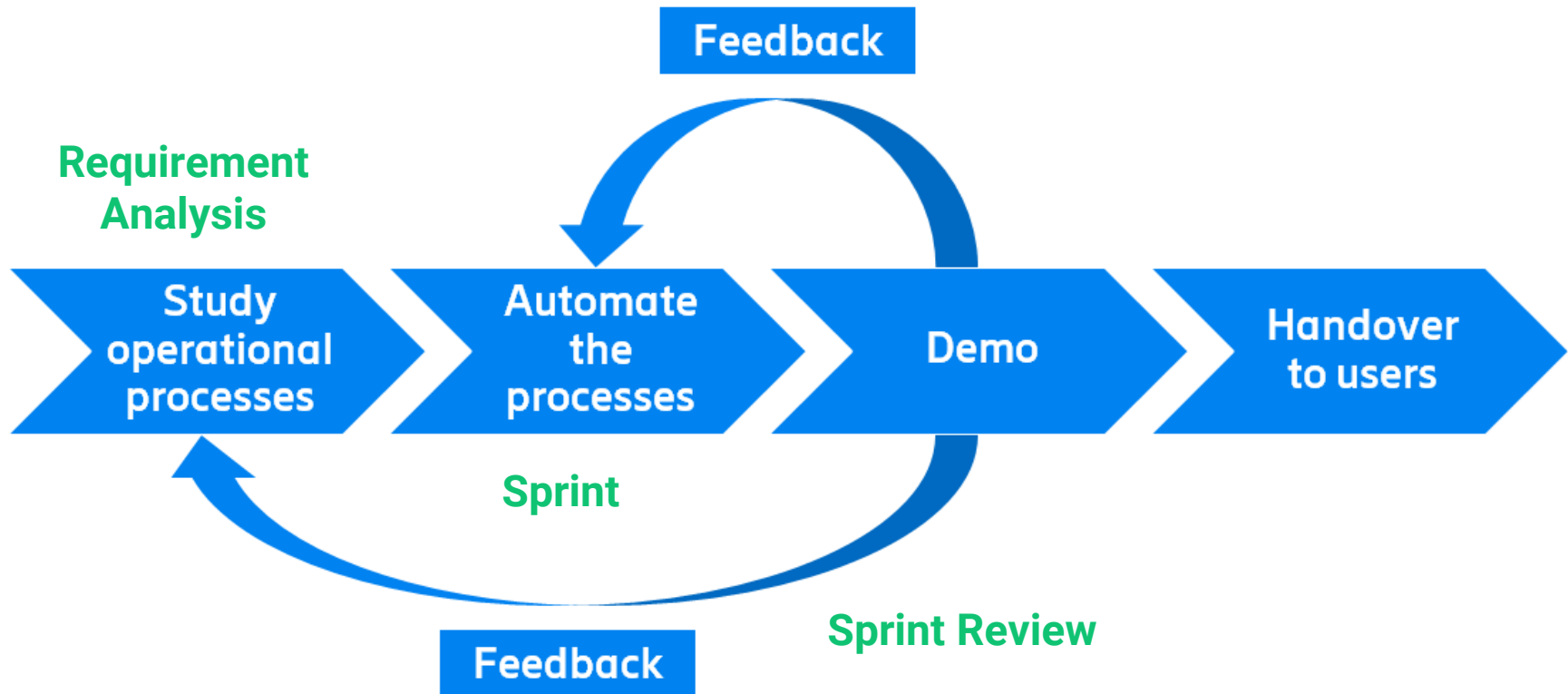
to

*increase profit **margins**,*

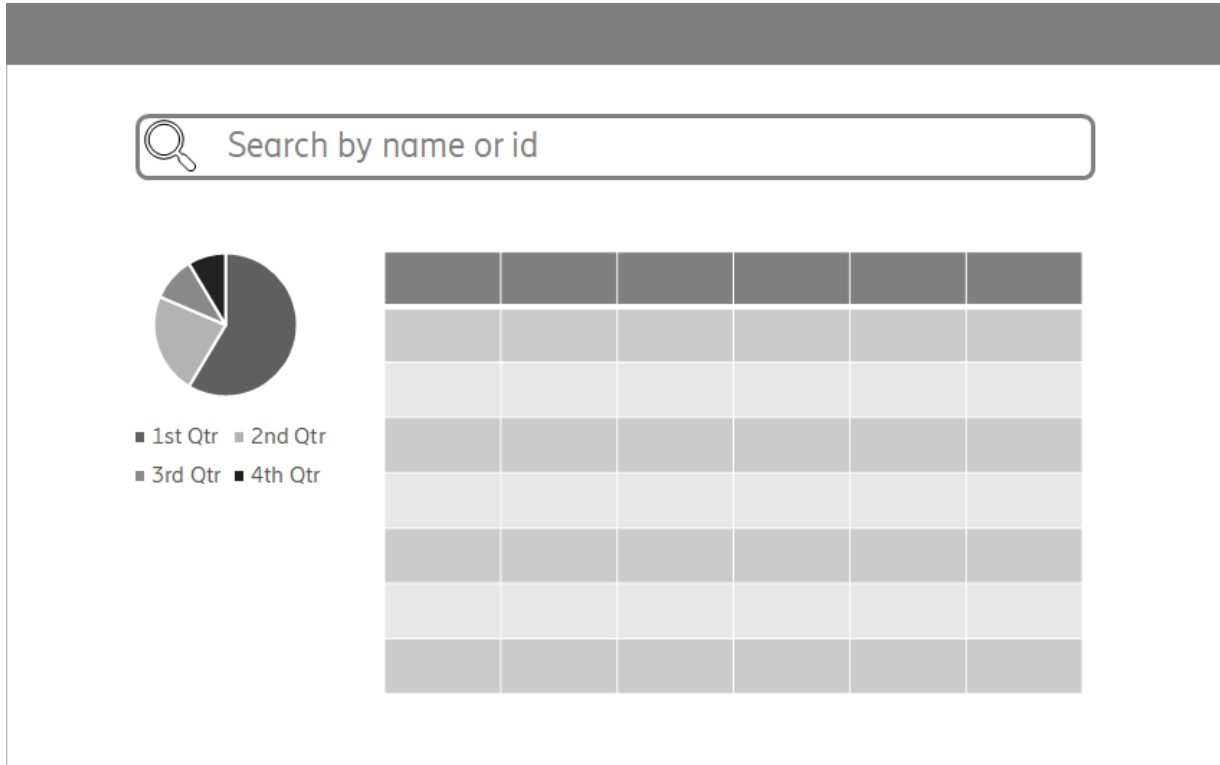
*boost work **quality**,*

*and make our life **happier***

Work = Automation | Agile in Uni



Work = Automation | an example



- Search an item
- Download data
- Analyse data

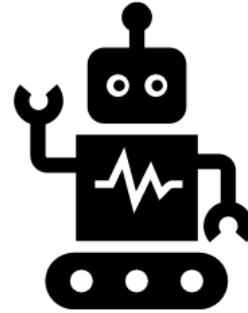
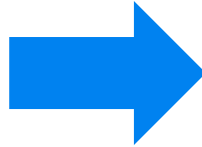
1-2 minutes per item

x 1,000 items ~ 3 days

x 100,000 items ~ 333 days

* staff day ~ 7.5 hours

Work = Automation | an example



1-2 minutes per item

x 1,000 items ~ 3 days

x 100,000 items ~ 333 days

* staff day ~ 7.5 hours

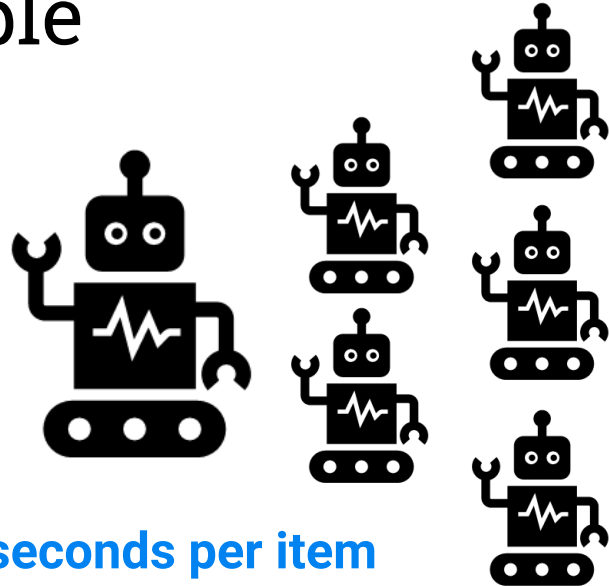
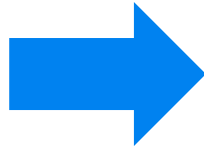
7-8 seconds per item

x 1000 items ~ 2 hours

x 100,000 items ~ 9 days

* server day ~ 24 hours

Work = Automation | an example



1-2 minutes per item

x 1,000 items ~ 3 days

x 100,000 items ~ 333 days

* staff day ~ 7.5 hours

7-8 seconds per item

x 1000 items ~ 20 minutes

x 100,000 items ~ 1.5 days

* server day ~ 24 hours

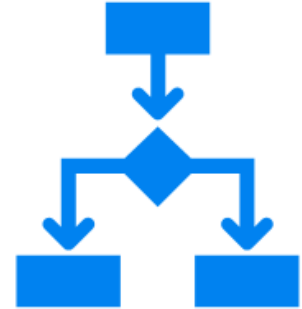
Uni | reflection: what were great



Projects & Teamwork



Requirement Analysis



Software Architecture

Uni | reflection: what were great



Projects & Teamwork

- Test knowledge from all other subjects
- Test common sense
- Learn to respect & listen to others
- Learn to assert opinions
- Learn to showcase a software product

Uni | reflection: what could be done better



Try different roles



Learn from peers



Follow good practices

Thank you

