

Finance to Education

KIWI GROUP

Seattle University
Mengshan Chen, Chidozie Ononiwu, Karen Marcjan

CONTENT

01 INTRODUCTION

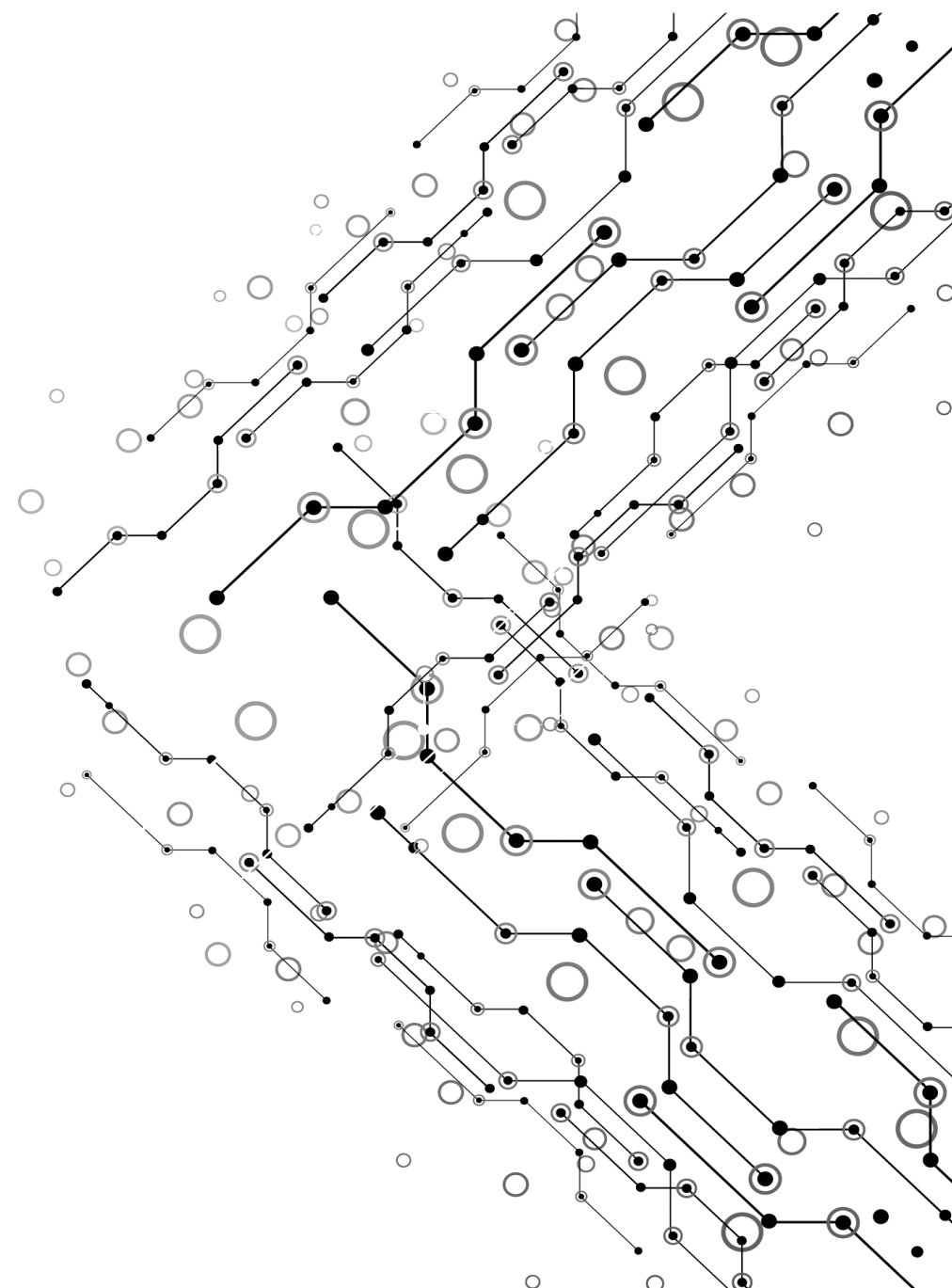
02 SOLUTION

03 EXECUTION

04 TECHNOLOGY CHOICES

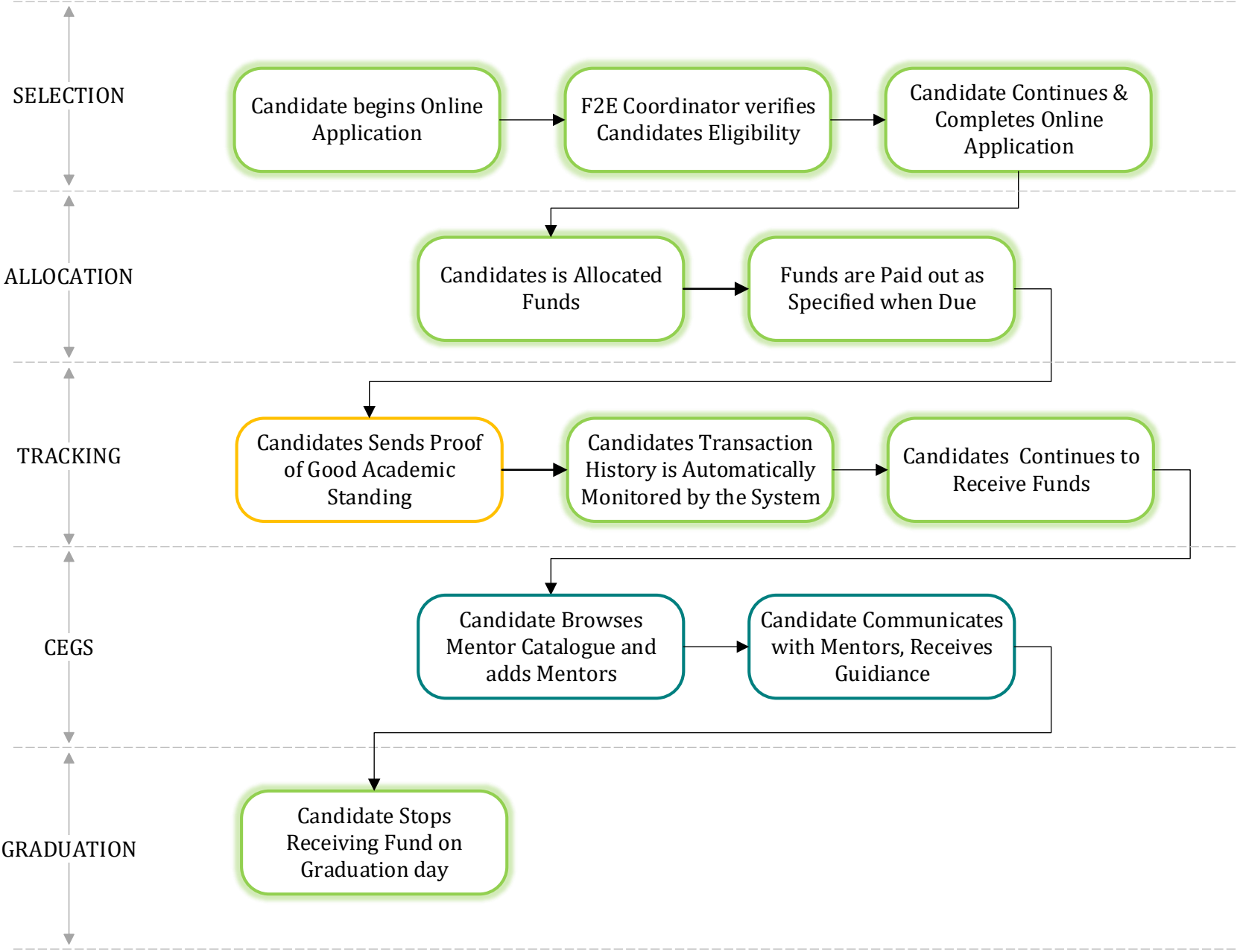
05 LESSONS LEARNED




06 FUTURE WORK



INTRODUCTION

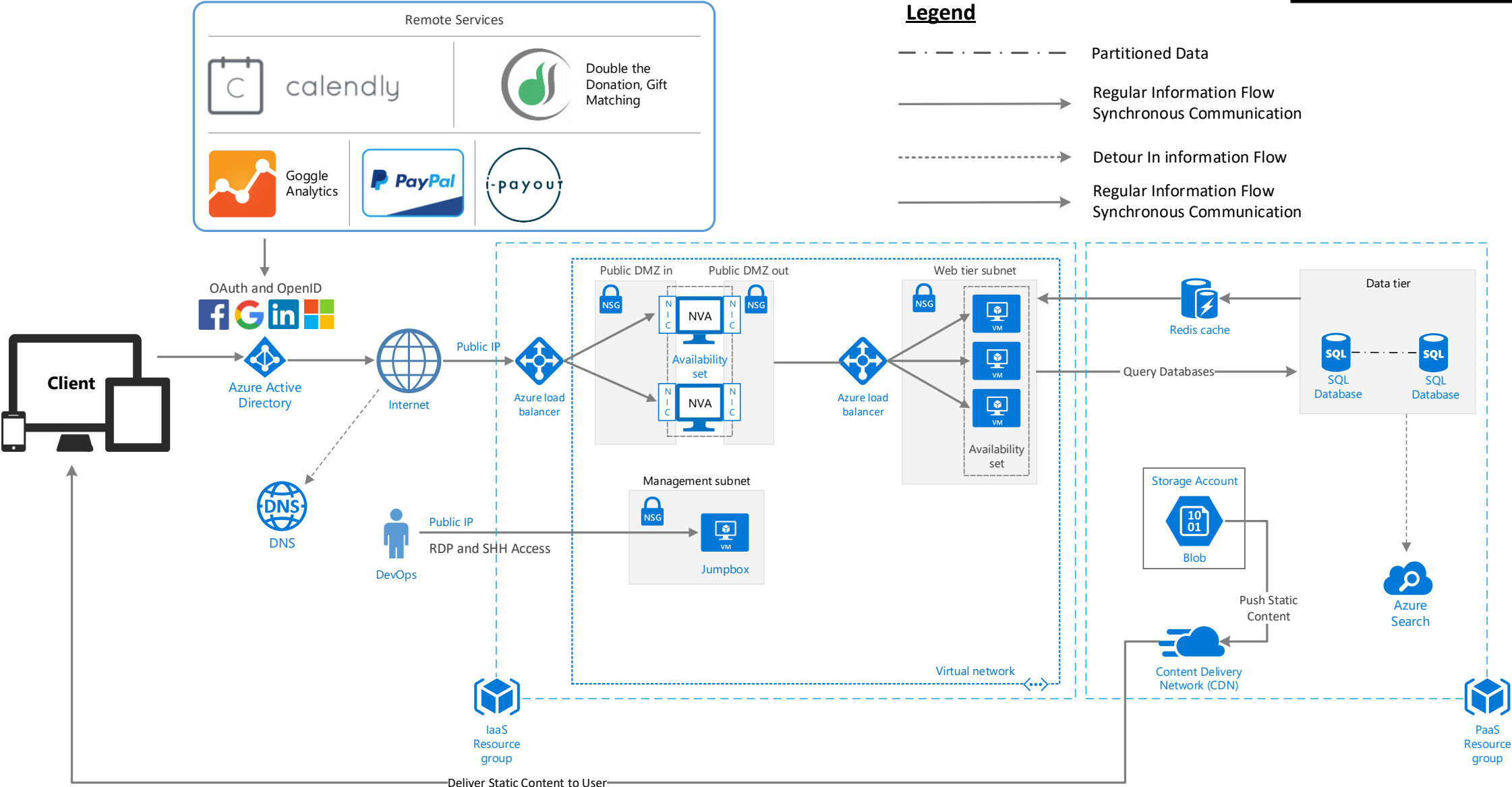
PROBLEM	KEY FUNCTIONAL REQUIREMENTS	KEY QUALITY ATTRIBUTES	KEY CONSTRAINTS
NON-PROFIT ORGANIZATION	AUTOMATE THE PROCESS	SCALABILITY	EASY TO USE / LEARN
-SELECTION -ALLOCATION -TRACKING -CEGS -GRADUATION	UNIFIED ADMIN MODULE	USABILITY	MOBILE & CLOUD
NEEDS DIGITAL TRANSFORMATION	WEBSITE & MOBILE APP	SECURITY	MINIMUM IMPLEMENTATION / MAINTENANCE COST

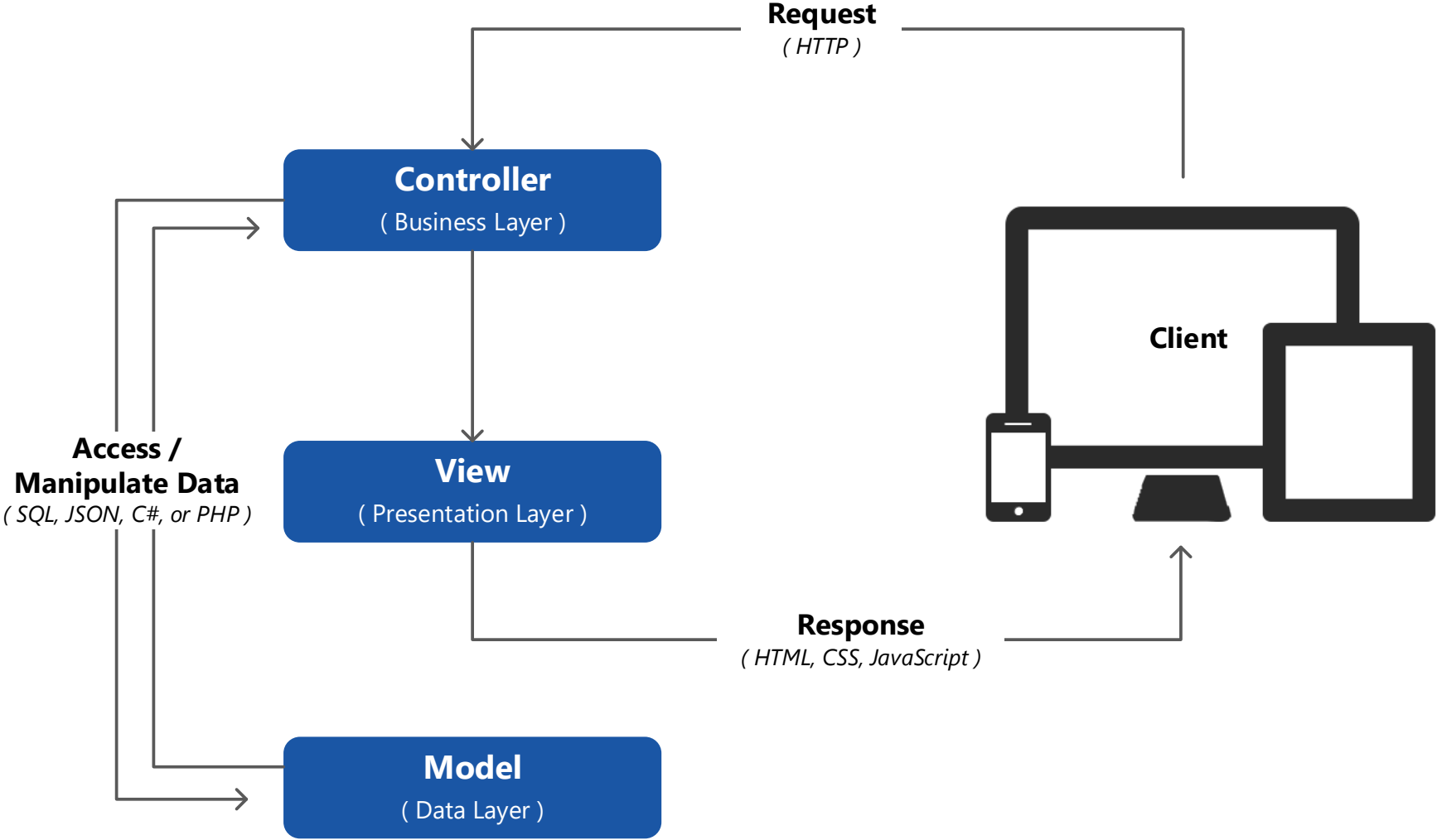


-  Automated Activities
-  Added Activities
-  Unchanged Activities

INTRODUCTION

BUILD	BUY
User Management System	Identity Management System
Fund Management System	Inbound / Outbound Messaging System
Internal Communication System	Analytics System
Matching System	Payment System
	Scheduling System
	Records System
	Corporate Donation Matching





SOLUTION

UI interface

Sign up

*If you are a student, please enter a valid school email

f

Sign up with Facebook

G

Sign up with Google

in

Sign up with LinkedIn

Windows

Sign up with Microsoft

I am a ...

☐ Student

☐ Donor

☐ Professional

Next

Student Aid

Brendan Moore

Student

Account Information

Payment Tracking

Find a Mentor

Send Reports

Inbox

Settings

Rate us

Home

About

Features

Donate

Contact us

login

Choose a Language

John Goodman

Student

Account Information

Payment Tracking

Find Mentor

Send Reports

Inbox

Feedback

Find a Mentor

Search

Filter

Mentor #1

Mentor #2

Mentor #3

Home

About

Features

Donate

Contact us

Blog

Search

Privacy

Community

Get our newsletter

Enter your email

Subscribe

Facebook

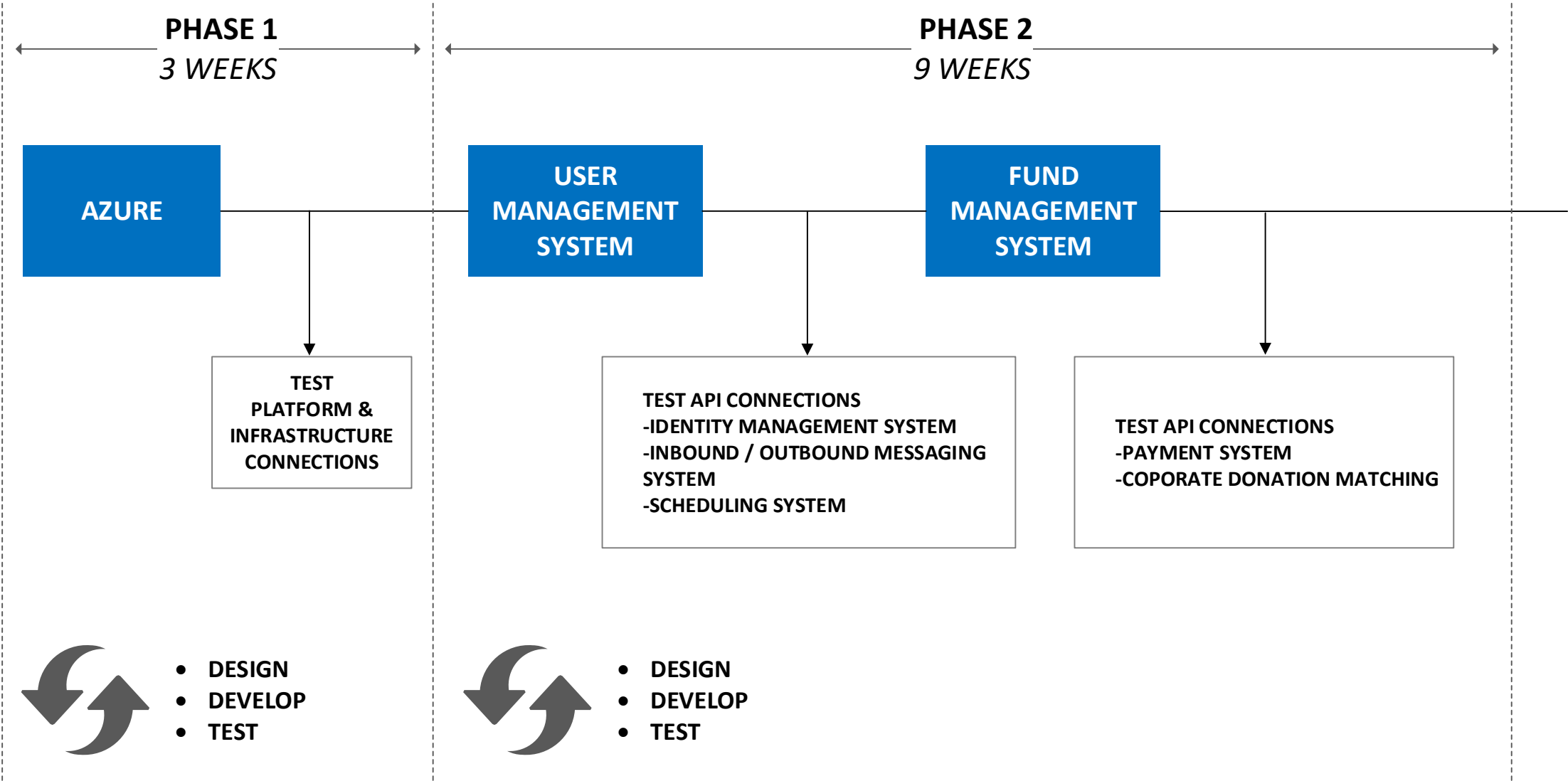
Instagram

Twitter

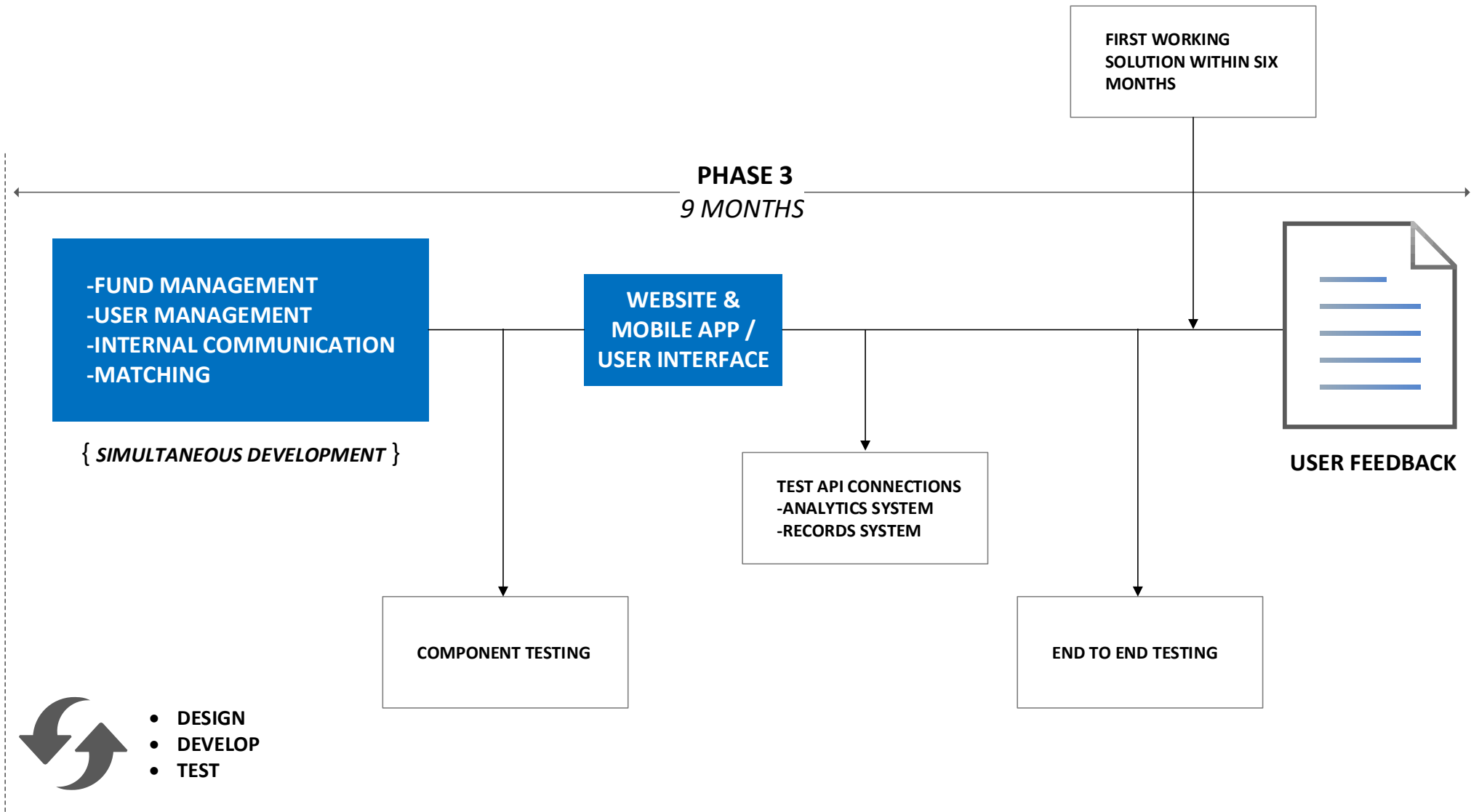
LinkedIn

YouTube

EXECUTION



EXECUTION



Implementation cost			
Type	Description		Annual cost
Azure Implementation Cost			\$7,200.00
Azure Credits			\$5,000.00
		Sub Total	\$2,200.00
Human Resource Expense	The number of people needed	Average salary per year	Annual cost
Project Manager	1	\$97,000.00	\$97,000.00
Software Developer	6	\$92,000.00	\$552,000.00
UI Designer	1	\$82,000.00	\$82,000.00
Software Tester	3	\$62,000.00	\$186,000.00
		Sub Total	\$917,000.00
		Total Cost for First Year	\$919,200.00

Running Cost			
Type	Description		Annual cost
Azure			\$13,072.31
Azure Credits			\$5,000.00
		Sub Total	\$8,072.31
Software Bought			\$5,819.00
		Annual Total	\$13,891.31

TECHNOLOGY CHOICES

Platform/System	Choices	Alternatives	Reasons for not choosing alternatives
Cloud	Microsoft Azure	AWS	Azure would offer a yearly \$5,000 Azure credit to nonprofits. F2E can get discount if it uses windows virtual machines.
Record System	OpenText	Sharepoint	Sharepoint is more complex than OpenText
Payment System	Paypal	Google wallet	Google wallet is less popular and more expensive than Paypal for nonprofits
Analytics System	Google Analytics	PowerBI/ Tableau	PowerBI cannot publish reports and Tableau is more expensive; Google Analytics is free.
Identity management system	Active Directory & Facebook, Gmail, LinkedIn, Microsoft	Twitter	Twitter is less popular and less suitable than others we choose
Scheduling System	Calendly	Acuity	Calendly has more functions than Acuity in the basic plan
Inbound/outbound messaging system	SendGrid	GoDaddy	GoDaddy cannot be used in Azure
Corporate Donation Matching system	Double the donation	360MatchPro	360MatchPro is more expensive than Double the donation

LESSONS LEARNED

- Don't reinvent the Wheel
- Always explore better design



FUTURE WORK

- Languages support
- Online Help and Support Services



