

## TASK 1

The task is to prepare a research document which includes: aim of the project, planning, risks involved, timeline and costs to develop a new mobile app for Greenwich University students to check attendance and grades.

**Project:** Develop a new mobile app for Greenwich University students to check attendance and grades.

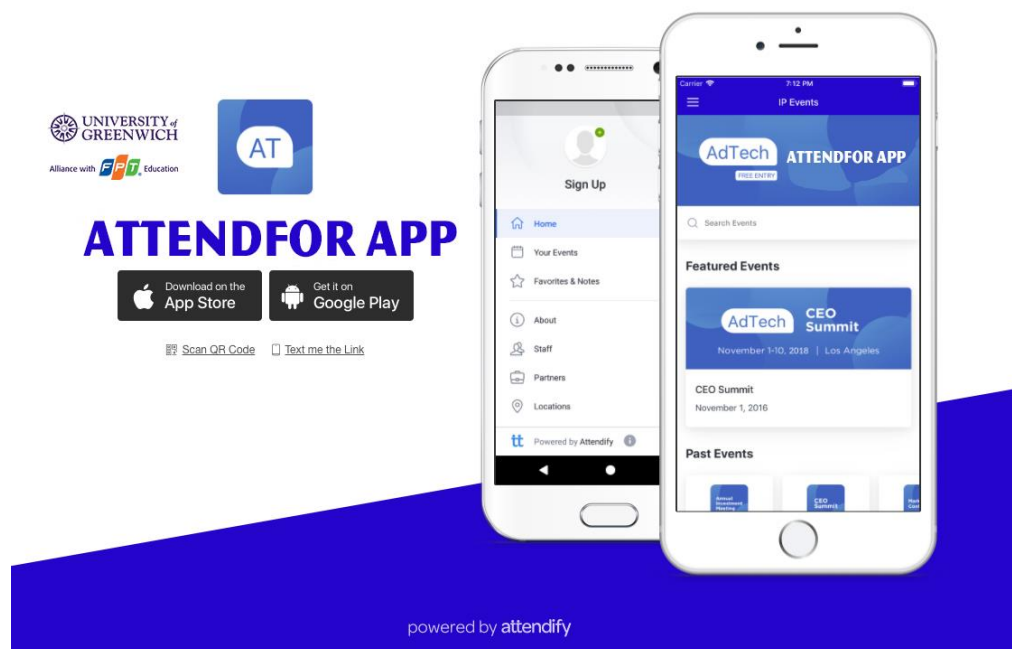
## A. Purpose.

- Currently, there are a lot of problems with the Greenwich University software in website **cms.greenwich.edu.vn**: the percentage of students absent from school shows up incorrectly, and also in the CMS software to submit papers. The school's assignment also calculates the percentage of plagiarism, which does not really affect the results and fairness for the students.
- So, our team implemented a project that aims to create a new piece of software for the University of Greenwich for the purpose of fixing the above problems but also upgrading and improving some of the new features to fit needs and uses of students and teachers.
- Total time to complete the product: **3 months**.

## B. Idea.

**Project:** Develop a new mobile app for Greenwich University students to check attendance and grades.

**Mobile App name: “ATTENDFOR”**



**Feature of ATTENDFOR:**

- ✓ Attendance for students by artificial intelligence (AI): recognition of fingerprints and faces.
- ✓ Calculate algorithmically absent percentage.
- ✓ Assist teachers in assigning assignments.
- ✓ Show percentage of plagiarism and clearly identify the area in the plagiarized essay.
- ✓ Suggested assignment marking.

### **C. Planning.**

#### **People:**

- ✓ Students, people with skills and passion for IT.
- ✓ 2 Technology engineers.
- ✓ 1 Manager.
- ✓ 2 people call the investment.

#### **Furniture:**

- ✓ Rent Clean office, have toilet.
- ✓ Buy Computers appropriate the needs of working.
- ✓ Rent Tables and chairs and equipment for working needs.

#### **Investor:**

- ✓ Director of Greenwich University.
- ✓ People want to invest.

#### **Timeline**

Milestone	Duration
Planning	11/11/2019 – 14/11/2019
Preparation	15/11/2019 – 24/11/2019
Implementation	25/11/2019 – 20/1/2020
Feedback	21/1/2020 – 31/1/2020
Review	01/2/2020 – 28/2/2020

#### D. Risk involved.

Topic	Risk	Responsible by	Risk rating	Solution
<b>Renting</b>	Rentals high	<b>Manager</b>	Medium	Negotiate with the landlord and discuss with them for a long-term lease (nearly 1 year). If no agreement is reached, find another rental location that is more suitable.
	Broken tables and chairs	<b>Manager</b>	Low	Discuss with the lessor and offer compensation according to the contract.
<b>Computer</b>	Computer failure	<b>Manager, Staff</b>	Medium	Repair engraved at reputable computer stores and commit not to reveal customer information.
	Lost data	<b>Manager, Staff</b>	Medium	Discuss with each other and proceed to fix the problem.
	Information disclosure	<b>Staff</b>	Low	Remind and reprimand employees if recidivism is dismissed and dealt with according to law
<b>Salary</b>	The employee asked for a raise	<b>Manager</b>	Low	Encouraging and discussing with staff that this is a new project should face many difficulties with the expectation that everyone can work together to complete the request.

#### E. Cost.

Project	Cost
Minimum Viable Product	
Discovery and Wireframing	\$2,500
App screen design	\$3,500

Root development on iOS	\$37,000
Root development on Android	\$37,000
Back-end programming, mechanical Database and API	\$9,000
Application Administration	\$9,000
Quality Assurance and Improvements on iOS	\$5,000
Quality Assurance and Improvements on Android	\$5,000
Deployment and Cloud	\$2,000
<b>TOTAL for product</b>	<b>\$110,000</b>
<b>Renting</b>	
Room	\$1,000
Tables and chairs	\$100
Equipment for working	\$100
<b>TOTAL per month</b>	<b>\$1,200</b>
<b>TOTAL</b>	<b>\$111,200</b>