CTIS165 – Fundamentals of IS Term Project

2020-2021 SPRING

System & Team Info

|  |  |
| --- | --- |
| **System Name** | **CryptoCard** |
| Member 1 | Göksu KAYA |
| Member 2 | Göktuğ YEŞİLYURT |
| Member 3 | Arda ÖĞÜN |

COMPLETE THIS FORM.

RENAME THE FILE WITH YOUR TEAM NUMBER “**CTIS165-ProjectDeliverable03\_IT\_COMPONENTS\_TEAMxx**”

SUBMIT THROUGH **MOODLE** UNTIL DEADLINE. **(in .docx format, NOT .PDF)**

DELIVERABLE 3 **DEADLINE: APRIL 11, 2021, 13:00**

IT Components

*for the cells below: erase the explanation and write your answer.*

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| **Hardware** | * Mobile Phones (makes product more portable since users can use their phone to do contactless payments with their phone as if they were doing it with their CryptoCard if their phone supports NFC technology) * Desktops and notebooks (would be generally used to do regular e-banking stuff) * Tablets (includes functionality of mobile phones and desktops based on the size of it) * Mining Rigs (will be used to maintain fast transaction confirmations) |
| **Software** | * Android * Apple iOS * Microsoft Windows * Apple MacOS * Linux (and some other Linux distros such as Debian for servers mainly) * Miner software (this will be used on mining rigs) |
| **Networking and comm. technologies** | * Modem * Wired & Wireless Networks * Cellular/Mobile Network |
| **Data Management and Storage** | * GCP SQL -> PostgreSQL (We do not need to store lots and lots of information since we are just providing our users a card that automates transfers, no transaction happens on our end. We only need to store basic user info, their own wallet’s public address and private key and that’s all. So, PostgreSQL should be enough to handle all of these) * ProtonMail (To do support related stuff such as tickets etc.) |