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| **PROJECT TITLE** | Cybersecurity For Bank remote workers through Application. | | |
| **SUBMITTED BY** | Hasan Alhwietat | **PROJECT TYPE** | Computing |
| **PHONE / EMAIL** | 0788658586 / [20120098@htu.edu.jo](mailto:20120098@htu.edu.jo) | **TOTAL ESTIMATED BUDGET** | 86320$ |
| **DATE OF PROPOSAL** | 1/4/2022 | **VERSION NO.** | 3 |
| **PROJECTED START DATE** | 8/4/2022 | **PROJECTED COMPLETION DATE** | 12/7/2022 |

# Project Proposal

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| **Stakeholders** | | |
| **PROJECT SPONSOR** Commissions delivery of and champion’s project; Provides vision and direction; Accepts responsibility | | |
| Sinan Al-Abkar the organization in Bank | | |
| **PROJECT MANAGER** Confirms need for project and validates objectives; Provides specs, monitoring, and overall delivery | | |
| Hasan alhwietat | | |
| **ADDITIONAL STAKEHOLDERS** | | |
| **STAKEHOLDER NAME** | **STAKEHOLDER ROLE** | **CONTACT INFO** |
| **Budget coordinator** | **Overseas expenses** | [**Budget@gmail.com**](mailto:Budget@gmail.com) |
| **Quality assurance manager** | **Ensures quality of the deliverables** | [**Quality@gmail.com**](mailto:Quality@gmail.com) |
| **Developers** | **Deliver the deliverables** | [**EmpDeveloper@gmail.com**](mailto:EmpDeveloper@gmail.com) |
| **End users (mangers)** | **End users of the solution** | **------------------------------------------------** |
| **Application developer manager** | **Administrator and Application Industry Manager** | [**DevelopManager@gmail.com**](mailto:DevelopManager@gmail.com) |
| **Cybersecurity manager** | **Data monitoring** | [**Cybersecurity@gmail.com**](mailto:Cybersecurity@gmail.com) |
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| **PROJECT OVERVIEW** | | |
| **SUMMARY** | | |
| Therefore, we will create a special program for the organization that all employees download to their devices. When downloading this program, it asks for the username and password to verify the employee. When the program is run, it makes sure that the device contains an anti-virus program, if it does not have it, it will download it automatically in order to ensure the protection of devices and will provide employees with an encrypted connection in order to ensure the protection of data when moving from the devices to the data center such as a virtual private network (VPN), It also sends alert messages to specialists in the event that security vulnerabilities are found those cause problems for the organization in order to find a solution to this gap. | | |
| **OBJECTIVES** | | |
| 1. Protecting the company from risks and increasing security. 2. Increase employee productivity. 3. Reducing the waste of working hours due to the security risks that may occur. 4. Employee data protection. | | |
| **BUSINESS JUSTIFICATION** | | |
| We found that employees working remotely have many security issues, and we also found that they need awareness because some of the concepts related to security are not known to them. They are also not good at using complex security related applications. So, we have created a program that provides all kinds of necessary protection and will send an alert notification to specialists if problems are found. | | |
| **TECHNOLOGY** | | |
| 1. A database to store all company data. 2. Back up the data of the database. 3. Download the program that was created on all the company's devices. 4. Use the Nessus program to detect security vulnerabilities. 5. Download Antivirus software. | | |
| **RISK OVERVIEW** | | |
| 1. The employees' leniency in taking security measures, which leads to risks to the organization. 2. The company may exceed the limits when concerns increase as a result of conducting security risk detections and taking many actions that can cause system errors and cause problems for the company. 3. Going over budget or missing the deadline. 4. Working out of the scope. 5. Error configuring the program or adjusting commands. | | |

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| **SCOPE OF PROJECT** | |
| **IN SCOPE** | Collect requirements from the mangers. |
| Design the application. |
| Develop the application (writing code). |
| Do a training for Employees. |
| Operate the application on devices. |
| Test and evaluate the application. |
| **OUT OF SCOPE** | Training for Managers. |
| Tracking location by application |
| Running the application outside the country |
| **DELIVERABLES** | |
| 1. SRS document (contains the requirements). 2. Application design. 3. Application final version. 4. Application testing and evaluation. 5. Training employees on how to use application. | |

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| **TIMELINE / MILESTONES**  **Note that this is an initial projection, deadlines may be subjected to changes after further planning.** | | | | | | |
| **MILESTONE** | | | | | **DEADLINE** | |
| Identify Application requirements | | | | | 18/4/2022 | |
| Application designing | | | | | 13/5/2022 | |
| Application implementation front end and back end | | | | | 2/6/2022 | |
| Application testing | | | | | 22/6/2022 | |
| Application evolution | | | | | 10/6/2022 | |
| Launch the application | | | | | 1/7/2022 | |
| Training on application | | | | | 12/7/2022 | |
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| **STAFFING RESOURCES** | | | | | | |
| **FUNCTION** | | **CAPABILITY REQUIREMENTS** | | | | **Involvement** |
| Front-end developer | | Responsible for providing the best possible reception of the application by the user and easy to use.  (2) | | | | Vary high |
| Back-end developer | | Has an experience to develop business logic and data layers.  (2) | | | | Vary high |
| UI-designer  (outsourced) | | Responsible to prepare, or design, the user interface.  (1) | | | | High |
| Tester (outsourced) | | Responsible mainly for conducting manual test, that is system verification by using it analogically, as opposed to how end users will operate it.  (1) | | | | High |
| Trainers | | They are trainers who are responsible for training all employees in order to demonstrate how to use the application on the job.  (4) | | | | High |

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| **PROJECT BUDGET / COST OVERVIEW** | |
| 1.1 Project Manager 🡪 4000$  1.2 Identify Application requirements 🡪 840$  1.3 budget Coordinator -🡪 800$  1.4 Quality Manager 🡪 1000$  1.6 Cybersecurity manager 🡪 2520$  1.7 Developer Manager 🡪 3000$  1.8.1 Database 🡪 7500$  1.8.2 Laptops 🡪50000$  2.1 Application Designing 🡪2500$  2.2.1 Application implementation front-end 🡪 3360$  2.2.2 Application implementation back-end 🡪 3360$  2.3 Application evolution 🡪 2000$  3.1 Identify problems App 🡪 1600$  3.2 Problem-solving app 🡪 2000$  4.1 Launch the application 🡪 560$  4.2 Backup of the data 🡪 480$  4.3 Download Antivirus software 🡪800$ | |
| **GRAND TOTAL** | 86320$ |