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| **PROJECT ON**  **NGO WEBSITE** |

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| **Developed by**  **Members:**   |  |  |  | | --- | --- | --- | | **No.** | **Student Name** | **Student ID** | | 1 | Thien Sy Ha | Student1225576 | | 2 | Duc Ngoc Ho | Student1219661 | | 3 | Truong Nhat Huu Tran | Student1219131 | | 4 |  |  |  * **Class No.: C1908I3** * **Start Date: 13/06/2021** * **End Date: 13/07/2021** * **Name of the Coordinator: Tri Huu Phan** * **Date of Submission: 13/07/2021** |
| **SYSTEM ANALYSIS** |

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| **System Summary:**  **Give-AID (Non-Governmental Organization) website needs to be developed which will comprise of various NGO’s. These NGO’s will take part in various welfare activities for raising funds to help the needy. The website must flash the details of all the activities or the events which are going to happen or conducted. It must also allow adding new NGO. The money can be paid by selecting the desired cause. The GIVE-AID has been established with the help of many major companies contribution.**    **The website is designed with the aim to help the needy. Various different types of program is being conducted for their welfare and benefits. Following is the requirement of the website:**  **· The home page of the website must have these menus like “Home”, “Donate”, “Help Centre”, “About us”, “ Our Partners”, “REGISTER”. The look of the page must be designed with no blank space left.**  **· The designing section will work with two modules:**  **o ADMIN**  **o USER**  **· ADMIN: Admin module will manage all other content of the website like editing partner, about us, help centre, contact us, donation link and so on.**  **· USER: User can see and navigate the content of the website and also can register their account and choose the donation with concerned specified. Also they can ask others to join by sending mail to their respective ID’s.**  **· Navigation of the project must be user friendly and uniform.**        **· In the ADMIN Module:**  **o Donation: In the Donation the list or other category must be included in the application which when user wish to pay can select their concern section. For eg: a person wants to donate for “Children Welfare Activity” or for “Disabled Person”.**  **o Other Partners: Various other companies associated with the organisation must be listed with logos (can be more précised).**  **o About us: The link will have various sub links and for each link a page must be designed whose information part can be edited by the admin member. Sub link such as.**  **§ What we do.**  **§ Our mission.**  **§ Our team.**  **§ Career with us.**  **§ Our achievements.**  **§ Our supporters.**  **§ Read About us.**  **o Contact Us : Contact Us page must be designed.**  **o Can view all the registered Member of the website.**  **o Donate Us Link: This link will have sub link such as:**  **§ Amount**  **§ Cause (which will have list like Children, Education, Disabled, Woman, Youth, Elderly and so on)**  **o List of Others associated NGO’s: Admin can add the details of the NGO.**  **o Our Programmes: Details of the Programmes conducted by the NGO for Education, Health Care, Privileged children (Specially challenged).**  **o Replying queries.**  **o Adding Gallery section : Images of different programmes conducted must be added by the admin**      **· USER Module: Users can view the page of the website but content details cannot be edited by them. User Task includes:**  **o Registering their account. (need to enter few personal and professional data).**  **o Donate the amount (can select for which cause they want to donate.**  **o Can send mail to invite other friends to join the cause.**  **o Raise query.**  **Can send the interest take part in the upcoming programmes of NGO.** |
| **CLASS DIAGRAM** |

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| **DATABASE DESIGN** |

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| **Database Name: NGO**  **Number of tables: 13 table**  **Tables Names:**   1. Account. 2. Donate. 3. Event. 4. Roles. 5. Category. 6. Pages. 7. ContactUs. 8. Notification. 9. OtherNGO. 10. OtherPartner. 11. ImageN. 12. VideoPages. 13. ImagePages.   **Schematic Diagram Of Database:**  Schematic diagram of the database depicting the primary and foreign key  relationships. |
| **TABLE DESIGN** |

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| **Database Name: NGO**  **Name Table 1: Donate**   |  |  |  |  | | --- | --- | --- | --- | | Field Name | Data type | Width | Description | | idDonate | int |  | ID Donate | | amoutDonate | money |  | Amount of Donate | | quantityDonate | int |  | Quantity of Donate | | timeDonate | datetime |  | Contribution time | | noteDonate | varchar | 550 | Contribution Notes | | idUser | int |  | Id of User | | idEvent | int |  | id of Event | | statusDonate | bit |  | Show or hide donate |   **Name Table 2: Account**   |  |  |  |  | | --- | --- | --- | --- | | Field Name | Data type | Width | Description | | idUser | int |  | id user | | usernameUser | varchar | 250 | account name of User | | passwordUser | varchar | 250 | account password of User | | fistNameUser | varchar | 250 | Fist Name User | | lastNameUser | varchar | 250 | last Name User | | nicknameUser | varchar | 250 | nick name User | | emailUser | varchar | 250 | Email User | | avatarUser | varchar | 250 | Avatar User | | phoneUser | int |  | Phone User | | brithdayUser | date |  | Birthday User | | timeCreateUser | datetime |  | User Creation time | | idRole | int |  | id Role | | statusUser | bit |  | Block or activity account | |
| **Name Table 3:Event**   |  |  |  |  | | --- | --- | --- | --- | | Field Name | Data type | Width | Description | | idEvent | int |  | Id of Event | | nameEvent | varchar | 250 | event name | | contentEvent | varchar | 250 | Content event | | timeCreateEvent | datetime |  | event Creation Time | | startDateEvent | date |  | Event creation Start | | endDateEvent | date |  | Event creation end | | moutEvent | money |  | mout of Event | | amoutAchievedEvent | money |  | the amount of the event achieved | | addressEvent | varchar | 250 | address Even | | authorEvent | varchar | 250 | Author's events | | statusEvent | bit |  | show or hide show |   **Name Table 4: Category**   |  |  |  |  | | --- | --- | --- | --- | | Field Name | Data type | Width | Description | | idCategory | int |  | Id of Category | | nameCategory | varchar | 250 | category name | | statusCategory | bit |  | show or hide show |   **Name Table 5: ContractUsN**   |  |  |  |  | | --- | --- | --- | --- | | Field Name | Data type | Width | Description | | idContractUs | int |  | Id of ContractUs | | dateCreate | datetime | 250 | start time | | idUser | int |  | id of User | | statusContractUs | bit |  | show or hide show | |
| **Name Table 6: ImageN**   |  |  |  |  | | --- | --- | --- | --- | | Field Name | Data type | Width | Description | | idImg | int |  | id image | | nameImg | varchar | 250 | name image | | urlImg | varchar | 150 | photo link | | idEvent | int |  | id event | | statusImg | bit |  | show or hide show |   **Name Table 7: ImagePages**   |  |  |  |  | | --- | --- | --- | --- | | Field Name | Data type | Width | Description | | idImagePage | int |  | id image page | | dataImagePage | varchar | 500 | name image | | idPage | int |  | id page | | statusImagePage | bit |  | show or hide show |   **Name Table 8: NotificationN**   |  |  |  |  | | --- | --- | --- | --- | | Field Name | Data type | Width | Description | | idNotification | int |  | id Notification | | fromAdmin | varchar | 250 | from which admin | | idUser | int |  | id User | | textNotification | varchar | 500 | show or hide show | | sendTimeNotification | datetime |  | send time notice | | statusNotification | bit |  | show or hide show |   **Name Table 9:OtherNGO**   |  |  |  |  | | --- | --- | --- | --- | | Field Name | Data type | Width | Description | | idNGO | int |  | id Other charitable sources | | nameNGO | varchar | 250 | Name Other charitable sources | | urlNGO | varchar | 100 | Links to information are charitable | | inforNGO | varchar | 100 | charity information | | joinDateNGO | date |  | Start time for charity | | statusNGO | bit |  | show or hide show | |
| **Name Table 10:OtherPartners**   |  |  |  |  | | --- | --- | --- | --- | | Field Name | Data type | Width | Description | | idPartner | int |  | id Partner | | logoPt | varchar | 150 | logo Partner | | namePT | varchar | 250 | name partner | | companyPt | varchar | 250 | company partner | | phonePt | int |  | phone parther | | emailPt | varchar | 250 | email parther | | joinDatePt | date |  | Start time for partner | | statusPt | bit |  | show or hide show |   **Name Table 11:Page**   |  |  |  |  | | --- | --- | --- | --- | | Field Name | Data type | Width | Description | | idPage | int | int | id of page | | titlePage | varchar | 250 | title of page | | namePage | varchar | 250 | name of page | | authorPage | varchar | 100 | company of page | | timeCreatePage | datetime |  | Start time for page | | contentPage | varchar | max | content of page | | idImagePage | int |  | id of Image Page | | idVideoPage | int |  | id Video Page | | idCategory | int |  | id Category | | statusPage | bit |  | show or hide show |   **Name Table 12: Roles**   |  |  |  |  | | --- | --- | --- | --- | | Field Name | Data type | Width | Description | | idrole | int |  | id role | | nameRole | varchar | 50 | role name | |
| **Name Table 13: Videopages**   |  |  |  |  | | --- | --- | --- | --- | | Field Name | Data type | Width | Description | | idImagePage | int |  | id image page | | dataImagePage | varchar | 500 | name image page | | idPage | int |  | id page | | statusImagePage | bit |  | show or hide show | |
| **VALIDATIONS PERFORMED** |

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| **Database Name:**  **Name Table 1:**   |  |  | | --- | --- | | Validation Required | Method Used For Validation | |  |  |   **Name Table 2:**   |  |  | | --- | --- | | Validation Required | Method Used For Validation | |
| **DATA FLOW DIAGRAM** |

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| **Data Flow Diagram representing the control flow of Project Case Study.** |
| **(WEB/WINDOWS) FORMS OUTLINE** |

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| **Forms Name** | **Description** |
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| **CONFIGURATION** |

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| **Software & Technology Used:**     * **Software**   + - **Visual Studio Professional 2019**     - **SQL Server 2019** * **Technology**   + - **Net Core**     - **C#** |

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| **PROJECT TIMELINES** |

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| **S.No.** | **Task to be performed** | **Time** |
| **1** | **Analyze the case study** | **3 days** |
| **2** | **Create the design for the application** | **7 days** |
| **3** | **Design the UI the application to make it user friendly** | **7 days** |
| **4** | **Implement business functionalities of systems in the application** | **7 days** |
| **5** | **Test and Debug the application** | **5 days** |
| **6** | **Document the project** | **1 day** |
|  | **Total** | **1 month** |

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| **INDIVIDUAL PROJECT SCHEDULE** |

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| **S.No.** | **Activity Description** | **Responsibility** |
| **1.** | **Design the website** | **Duc Ngoc Ho** |
| **2.** | **Design UI of the application** | **Thien Sy Ha** |
| **3.** | **Implement business functionalities of the system** | **Truong Nhat Huu Truong** |
| **4.** | **Test and Debug** | **Duc Ngoc Ho, Thien Sy Ha, Truong Nhat Huu Truong** |