**Feasibility Report**

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| **System** | Online Gem Advertising Platform | |
| **Group Members** | Name | Index Number |
| H.W. Sandaru Priyashan  K.M. Sarasi Rasala  K.B.G.Nikini Prarthana | JL/25/DICTL5/1/0013  JL/25/DICTL5/1/0027  JL/25/DICTL5/1/0004 |
| **Date of Start** |  | |
| **Date of Finished** |  | |
| **Product Deliverables** | * Web-based system published at **Ceygem.com** * Mobile app (Flutter-based) for both Android and iOS * User Manual * Sample Tutorial | |
| **Technical Feasibility** | **Our project is technically feasible as …….**   * We use only up-to-date open-source software, including Flutter, to develop both the web and app versions, along with other open-source tools for the auction system. * We can utilize our available computer resources and the computers in the ICT Level 5 Labs to support the project. * We have the capability to hire experts with the necessary development knowledge to incorporate the latest open-source technologies, with guidance from senior developers. | |
| **Schedule Feasibility** | **Yes, our project is Schedule feasible.**  We consume nearly four months of development which is plenty enough for the development, also we have a team with 3 members with whom able to share our duties. | |
| **Economic Feasibility** | **Yes, our project is economically feasible.**  We launch development as a student project, therefore we suppose to develop the system from the ground level with a minimum expense. | |
| **Operational Feasibility** | **Yes, in-order to make our system operationally feasible**, we have proposed several plans such as,   * Continuous customer feedback * Continuous Supervisor feedback * Using prototype approach | |
| **Alter Solution** | Using a Facebook Group for Gemstone Advertising. | |