**Cebu Institute of Technology - University**

**College of Computer Studies**

**Information Technology Department**

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| PROJECT PROPOSAL SHEET | |
| TITLE OF PROJECT  Perspective Inspection Eye Care (SPECTION) - Clinical Health Care Website with Health Care Analytics and Clinical Reservation Appointment Sys | DATE SUBMITTED |
| Name of Proponent:  Gracci Kapili  Gianfranco Fernandez | |
| Brief Description of the Project:              A clinical healthcare website helps to conduct online diagnostic tests for eye concerned patients and reservation system where they will undergo medical related questions from the doctor's record. Result will be then sent to the doctor's log using API for them to analyze for possible physical check-up or drug recommendation.    It Includes an online diagnostic test for patients with health concerns. The system will then collect the data and provide the results of the test related to the possible symptoms. Only the doctor can access the results and can send them through E-mail attachment file or via call/ sms with the doctor's feedback.               The system will collect the data and create a Health graphical trend of the possible kinds of symptoms and overall patients record. It can also determine the changes of the results in different timelines. | |
| Proposed Features of the Project  The following are the proposed features of the web application of the system:   1. Admin Panel which includes dashboard, patient inquiries, payments, receipts, list of patients, notifications and/or announcements, dispense, patient’s Information, blogs and access reports. 2. Patient registration, admission/referrals, package deal, payment track record, due calculation, patient medication etc. of the facilities that are available. 3. Print patient, package, invoice etc. details on the go. 4. Automated invoice, dues calculation based on advance paid and amount paid at the time of billing. 5. Appointment Booking for patients can connect with doctors based on their illness and ask for a consultation, schedule a call, or book an appointment for a home visit/referral. 6. Graphical Chart for showing patient visiting pattern, patient engagement, healthcare utility cost, dues, etc. of the overall performance of the facility using Healthcare Analytics. 7. Pre-Assessment for physician to gather key information upon referring/admitting. 8. Delete a patient (for admin). 9. Update patient Information (for admin). 10. Check memory allocation (for admin). 11. Covid – 19 Inspection Checklist Form for ensuring the safety and health at work by preventing the spread of the Covid-19. | |