## Entity Relationship Database Model Employee will register Patient and Doctor can as employee and communicate, book appointments Patient will input information user and their role = or request for drug refill and etc in register form <u>Qoctor</u> Pat\_ld = last 3 digt and last emp\_ld = last 3 digt two alphbetic Designation Is\_urgent and last two alphbetic Object\_Id sequence of sequence of health Object\_Id health card due\_Date user\_name card object\_id user\_ name task\_descript Task\_name Password Many User Many **Employee** DOB Tasks (patients) (Doctor) One Full\_name Full\_Name Username category\_name designation Dr\_name Created by user\_ld Address Email Password Address DOB City Town City Town Object\_Id Doctor will input Medical test field Date Dr Name into Medical test form. Title Many One User **Employee** Lab Work (Doctor) (patients) Patient Id Patient\_Name Lipid Panel CBC Test criteria Urinalysis Electrolyte Blood glucose Doctor will input Precription field Object\_Id into Precription form. Date Dr\_name Title Many One User **Employee** Precription (patients) (Doctor) Pharmacy location Patient name Patient\_Id Description Drug name Dosage usage Object\_Id Date Dr\_name Title Many One User **Employee Procedures** (patients) (Doctor) Pharmacy location Patient\_name Patient\_Id Category 00082 CRITICAL CARE MONITORING 00081 EMERGENCY BEDSIDE CARE 07006 DIRECTIVE CARE GEN SURGERY Future development of Database for AI not Implemented on this project Bot will have conversation with human and conversation will be logged in the db , if cetatin keywords are triggered. Object\_Id Doctor can view new appointment set by the user\_ld user Name Bot. Chat User **Employee** Al Chat bot (Doctor) (patients) Emp\_name Emp\_ld Doctor can view converstaion if key words are triggered. Asthma-High Blood Presure Attack Conversation Heart-Attack Chest pain Paramedics Incapacitated Appointment Covid-19 open front Highdoor temprature 40-50 celcius Flu symptoms