Architectue Diagram Hosted Infrastructure Client Server Database Browser handles client UI Uses React fromework - Uses Material VI for UI compensats - Makes help requests to sever for workase information / login info - Communicates w server using JSON Server handles business logic - Uses Flack to rute incuming regiests to functions - Uses SQL Alchemy to given & update database Database stores were house data - 3 tables - User table - Stors users - Transaction - stores updates to the workhouse's state - Item - stores item information Entity-Relationship Diagram Underline - Key First Name Lust Name Email Crole - Field Rectingle - Entity Diumend - Relation Passwerd Employee Is Admin Notes: Transaction 's External Entity refors to the third purty the TxId Reporter items are being received from or sent to. transaction is Transaction type can be "In" Out or "Other" Quatity Employee passwirds are hushed Trasaction be fore soulag Date Admin employees on update the infranction of other employees Transaction Type Item Id Instance Of External Entity Item Pescription Quentity