Assignment Name: Layerred Arrohitecture Model of an online judge system nouvognos d'il nobre Creating a tajerred Arrichitecture model fore an online judge system involves understanding its structure and components. mice induce island elitoria roce a Steps to create Handurütten Diagram. Suds 3. Drong the Diggram: 1. choose lajers; presentation layer Dologer Deve-Cock layer. + web on mobile interface -> Displays problem, user submissions and results. · Application lajer: Mius etrorognos Isdol -+ Handles problem submission, solution evolution and user requests. and user requests. · Business logic layer:

→ corre functionalities like compiling code, πunning test

Cases, and scoring. · Data Analysis layer:

- Interacts with databases for user data, problem

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sets and submission history of smooth insmission 2. Identity components! - Authentication and Authonization - code submission and Execution queue - compilor, lest case management, scoring Algorithm. -, user profile Data, submission logiognos bro -, cloud platforms, sandboxes, Databases. 3. Orraw the Diagram, · Oraw the Diagram;

- vse rectangular box on layous to repriesent each lajer. Layers. - label components with each layer. 4. Test case flow example: moldong colbride.

- ) User submits code - Application queues the codes stoned in the database & priesentation display
the results. 

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