

NoSQL ASSIGNMENT – POLYGLOT PERSISTENCE

DATABASE II | CS 2021 | SCS2209

- Following assignment is the only assignment you will be getting for the NoSQL section. Therefore, this is a mandatory one.
- This is an individual assignment.
- You can start doing this assignment from this week. Final deadline is TBD.

Cricket At Your Finger Tip

“Cricket At Your Finger Tip” system contains following functionality.

1. Maintain profiles of cricketers, cricket nations.
2. Record and display cricket scores at each player and inning level.
3. Analytics are done for different predictions.
 - a. Score predictions.
 - b. Player selections.

You are responsible of designing a system to support the above functionality.

Requirements

1. Come up with different components to handle above functionality.
2. Design data layer to support above components. This should include
 - logical data models / structures, relationships
 - physical implementation details

Assumptions

Please make sensible assumptions and clearly document them.