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| Individuals – Round 2 |
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| Aspiring Minds – Individuals Round 2 |

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| Round 2 Individuals - Choose any number of topics as you wish. |
| 1. [RESPECTABLE]   Proof of Concept to demonstrate an application designed using Dependency Injection design pattern. Expected the architecture and an implementation approach with a sample project   1. [AMBITIOUS]   Create a Progressive Web App that allows readers to keep up with all topics, news, and events they care about, from one single place. The platform should bring news and stories from around the world together in a magazine format.     1. [AMBITIOUS]   Design an Architecture and a proof of concept development which can be used for searching the resume bank (repository can be file system, database etc) where based on the keywords given resumes can be picked with top to bottom relevancy or occurrence. Solution can also include any open source algorithm or framework. When there is a Job Description comes and a set of keyword entered the system shall go and check the prediction on how many resume matches we have in the resume bank.   1. [RESPECTABLE]   Solution to handle broadcasting and receiving the data in a socket within the application, also when it goes to other application solution to encrypt and decrypt the data both “At Transit” and “At Rest”. A sample proof of concept implementing this solution is expected.   1. [AMBITIOUS]   Multi-tenant architecture with single instance of application layer which will have separate database for each client. Expected the architecture and approach document as output.   1. [RESPECTABLE]   Proof of Concept to demonstrate a Web application which has to use NoSQL platform as data storage, API based, Micro services and highly responsive UI which should support any size of screen ranging from large, medium and mobile browsers also should support all major web browsers. Application shall have different data types not limited to text, numbers, currency, file stream (docx, image, pdf, txt)   1. [RESPECTABLE]   Proof of Concept to demonstrate sharing session between different applications. Expectation is to have scalable session management where there is addition of new applications.   1. [PAINLESS]   Proof of concept to demonstrate screen level field validations using regular expression. Expectation is to demonstrate, number, text, PAN, Passport currency, age, restricting special characters, restricting character range, restricting number range, restricting date range etc. solution shall be not limiting the mentioned sample validations. Expectation is to have the architecture / Framework clear and detailed which needs to be presented, and where ever possible it is expected to add a sample project for demonstration. |
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