

Practical Technical Interview

The Interview should take you a maximum of 48 hours: You will share the start time and end time to jobs@tenakata.com

Tenakata Honor Policy:

I will neither seek, receive, nor give assistance during this Practical Interview. I will not discuss this Interview in any way with anyone except the Tenakata Interviewer until after July 21, 2020. Moreover, I understand that I am obligated to report any honor code violation that I believe is taking/has taken place during this interview.

Last Name:

First Name:

Start Time:

End Time:

The Challenge:

You are required to come up with a simple android application (Maximum of 5 Screens).

The Solution Predicts Admissibility to the famous Tenakata University. **The Inputs** are the Name, Age, Marital Status, Height, GPS Location, Camera Photo and an IQ Test results among others. **The Outputs** are a list in order of admissibility both on the screen and on Pdf or Excel or Word. Tenakata University Admits Students in the below criteria:

- Gender – Female have a 56.5% Chance over Male Candidate
- Older People Above 43 years old have 2 times chances of being admitted than Age below 26 year olds
- IQs of above 100 is considered as the basic entry requirement
- The University does not consider Marital Status in Selection of its candidates; however there is a concern that Married People Do not get a Chance to Join the University. This is a concern that they hope the application will resolve.
- The Application does not allow people outside Kenya based to apply.
- Above all the Solution will work both Offline(Storage on the Local Machine) and Online(Update on the Cloud Based RDBMS)
- The Solution will be hosted on AWS or GCP
- There is no need to update the solution on Google Play; however you are required to provide a one Page Documentation on how you will upload it to the Cloud.

The Application Criteria

The Application will store the images in a Public Amazon S3 Bucket or any other Cloud Bucket you are familiar with.

The Solution Should be in Java Preferably and Highly Documented;

Code should in a source control e.g. GIT

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