

Digitalization of eye charts for visual acuity testing

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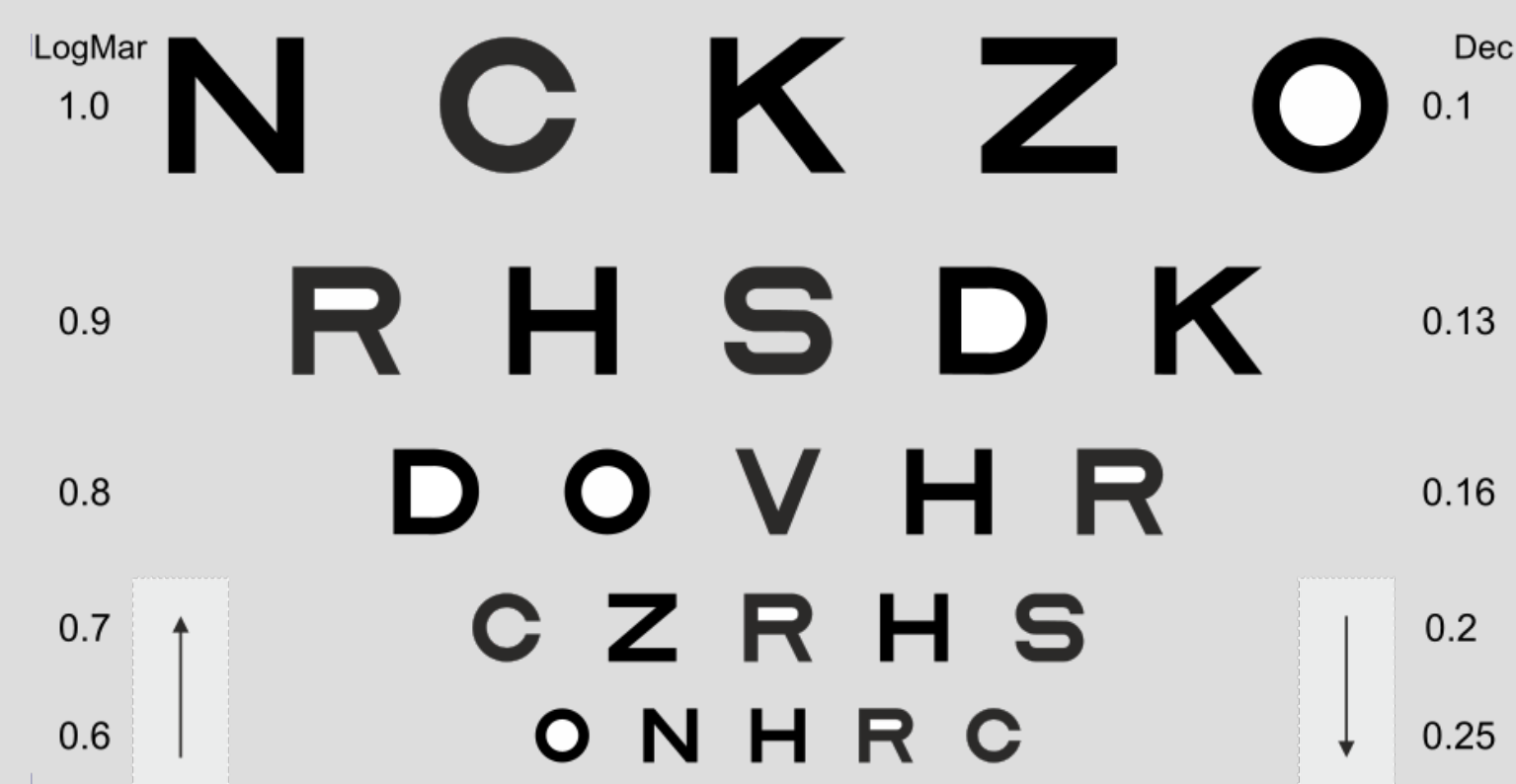


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Summary

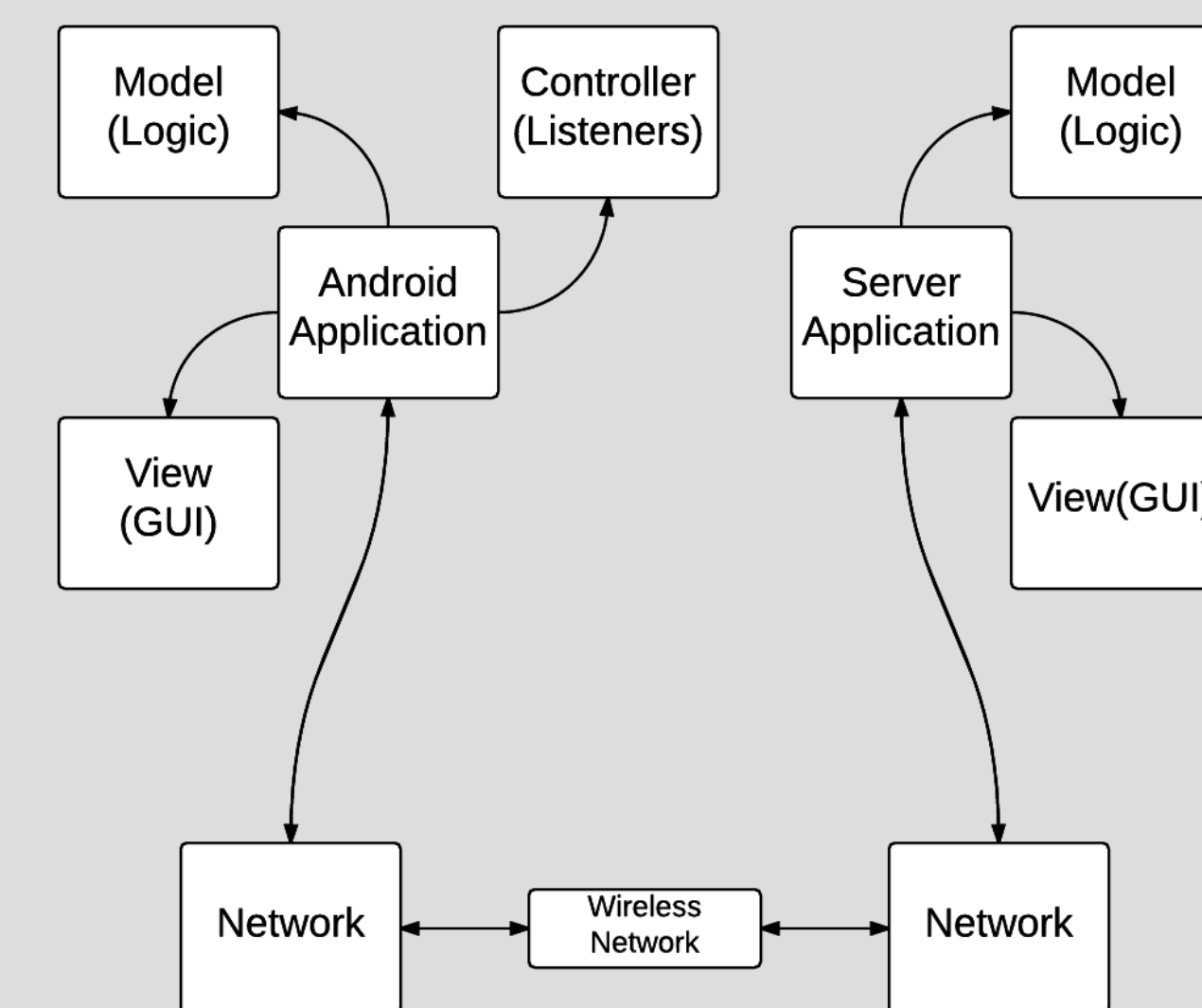
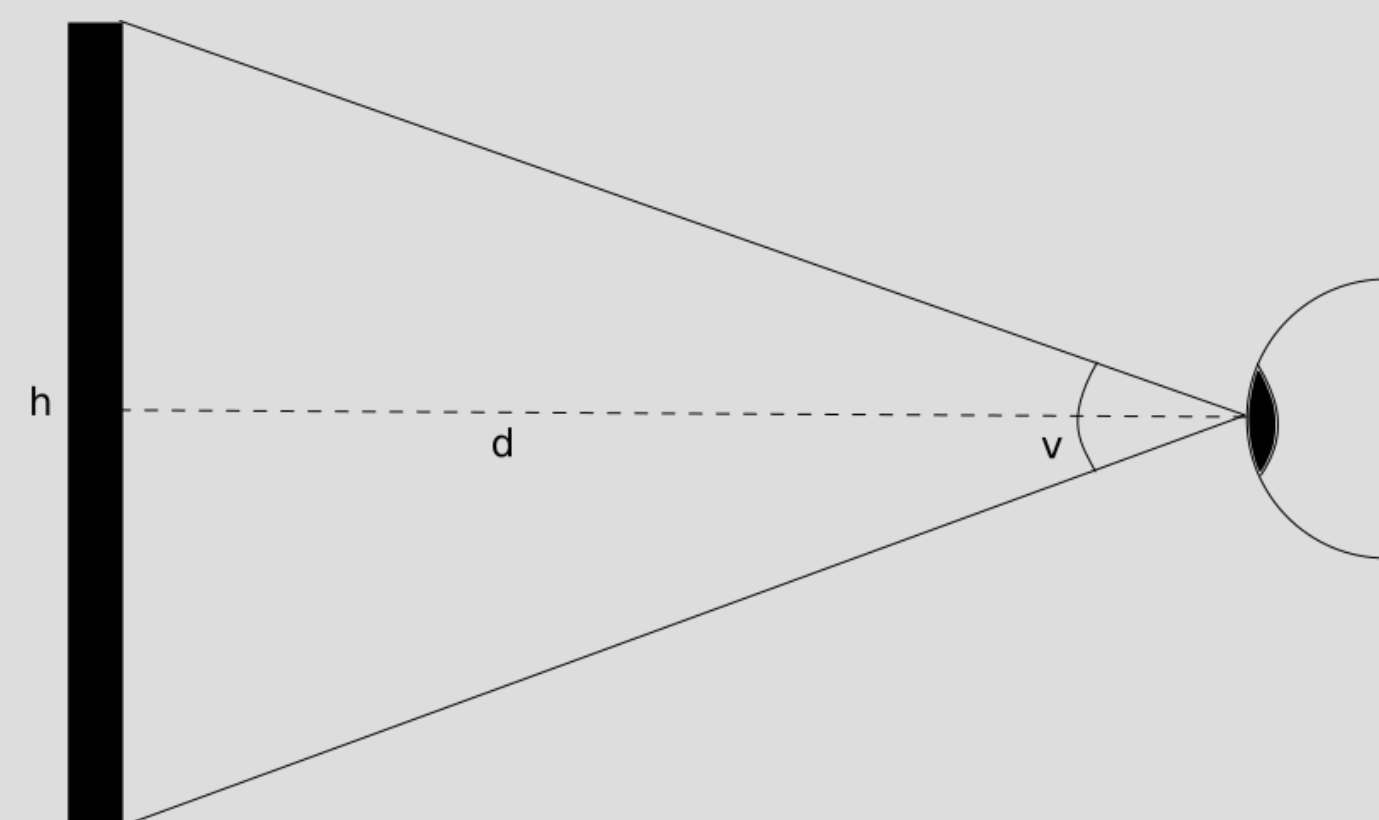
Visual Acuity

Measurements of visual acuity uses charts with lines of continuously smaller symbols. The measurement is made reading symbols on the chart from a set distance. Reading down the chart until it is no longer possible to make out the characters makes it possible to determine a visual acuity.



Letter sizes

The size of each letter is measured in LogMAR (Logarithmic of the Minimum Angle of Resolution), which is the base 10 logarithm of the angle of one fifth of a letter. The optotypes on the top row of the chart is of the size 1.0 LogMAR and then each row below is decremented by 0.1 LogMAR to the last row which is -0.3 LogMAR.



Acknowledgements/References

Contact