Request for Proposal

Android 3D Human Anatomy Model App

Objective

The objective of this Request for Proposal is to develop a custom independent application to display a 3D human anatomy model. This module will be running on a touch-capable device where a patient or student and a medical provider can interact with the module. The application should open and close cleanly so it can be launched from our existing application which is installed on devices in a kiosk mode.

We are looking to take bids/proposals as soon as possible.

Requirements
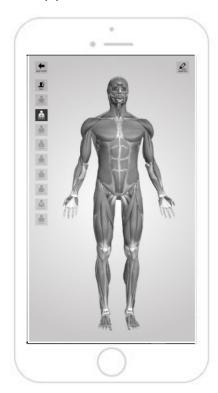
The following are the basic requirements of the application:

1. Written in Unity or MonoGame
2. Be stand-alone, light-weight, and fast
3. Render a human body in 3D using swipe for rotation, and pinch for zoom
4. Allow options to select between male and female models
5. Allow user to select layers of anatomy for display (skeleton to skin)
6. Ability to enter annotation mode and draw on displayed model using touch screen
7. Annotations do not save, and can be lost when leaving annotation mode
8. Include ability to denote specific model, rotation, zoom, and layer at launch
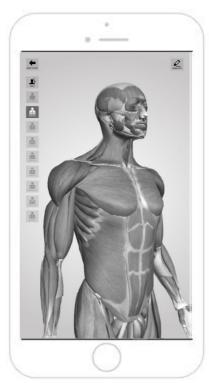9. Delivery medium is an Android APK (executable program)

We have already purchased license for "MAYA RIGGED Male and Female Anatomy Complete Pack (Textured)" from TurboSquid which may be leveraged if the proposal does not include license to the models used in the app.
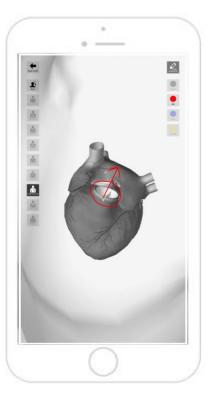
Preference will be provided to proposals that develop application code in C#. Preference will be provided to proposals that include source code in delivery.

Screenshots / Mockups

The following screenshots are not intended to be final renditions of the applications. The are intended to help provide an outline of the desired functionality and view as described in the requirements.

Submission Guidelines

We would like to move quickly in the selection and development process, so please contact the point of contact with intention to bid ASAP.

All bids should be sent via email in proposal format to the point of contact. Each proposal should include a description of the work effort, milestone release schedule, price, and estimated completion date.

Please contact point of contact for any questions.

Principal Point of Contact

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