# Luxsonic Project – Tentative Incremental Deliverable Features

## ID1

* Build project successfully using build infrastructure
* Look around 3D environment that contains generic objects, headset calibrated correctly
* Interact with an object in the environment using:
  + Mouse
  + Keyboard
  + Controller?
* Load a sample DICOM image and display it
* Crude 3-monitor display prototype

## ID2

* Better, rebuilt 3-monitor display (using best practices)
* Interact with monitors to
  + Move them in space
  + Close and open monitors
  + Resize monitors
* DICOM image filesystem
* Crude anti-motion-sickness/eyestrain features

## ID3

* Open and close image files from filesystem
* Cycle through DICOM images (depth, animation?)
* Program UI
  + Quit
  + Options
  + New Workspace etc.
* Save/load representation of workspace
* Improved anti-motion-sickness/eyestrain features
  + Field of View adjustment?

## ID4

* Render 3D volumetric scans
* Toggle 2D/3D display mode

## ID5

* All of the above but better
* Background/environment options?
  + Office? Library? Outdoors? Customizable colour field?