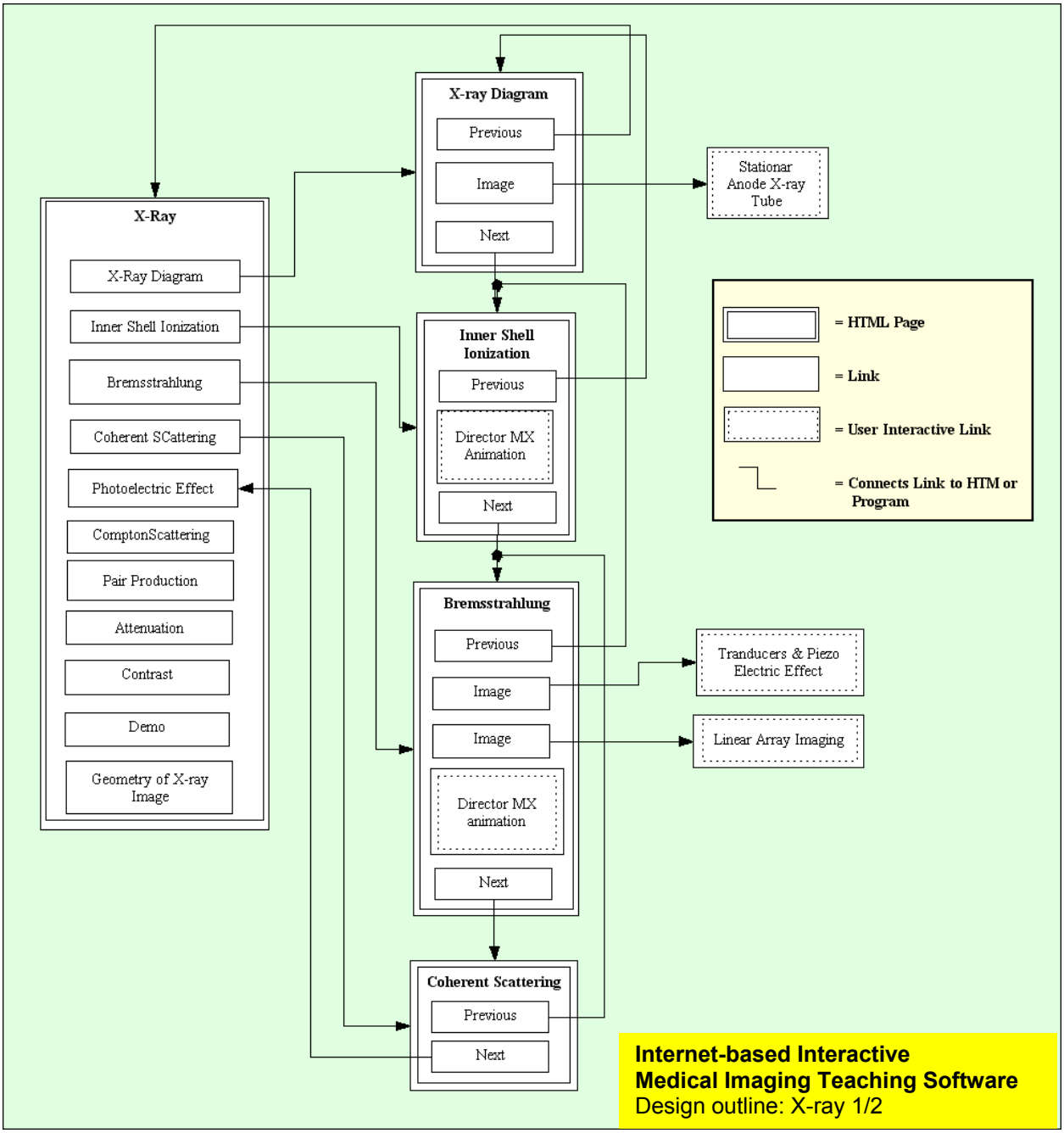
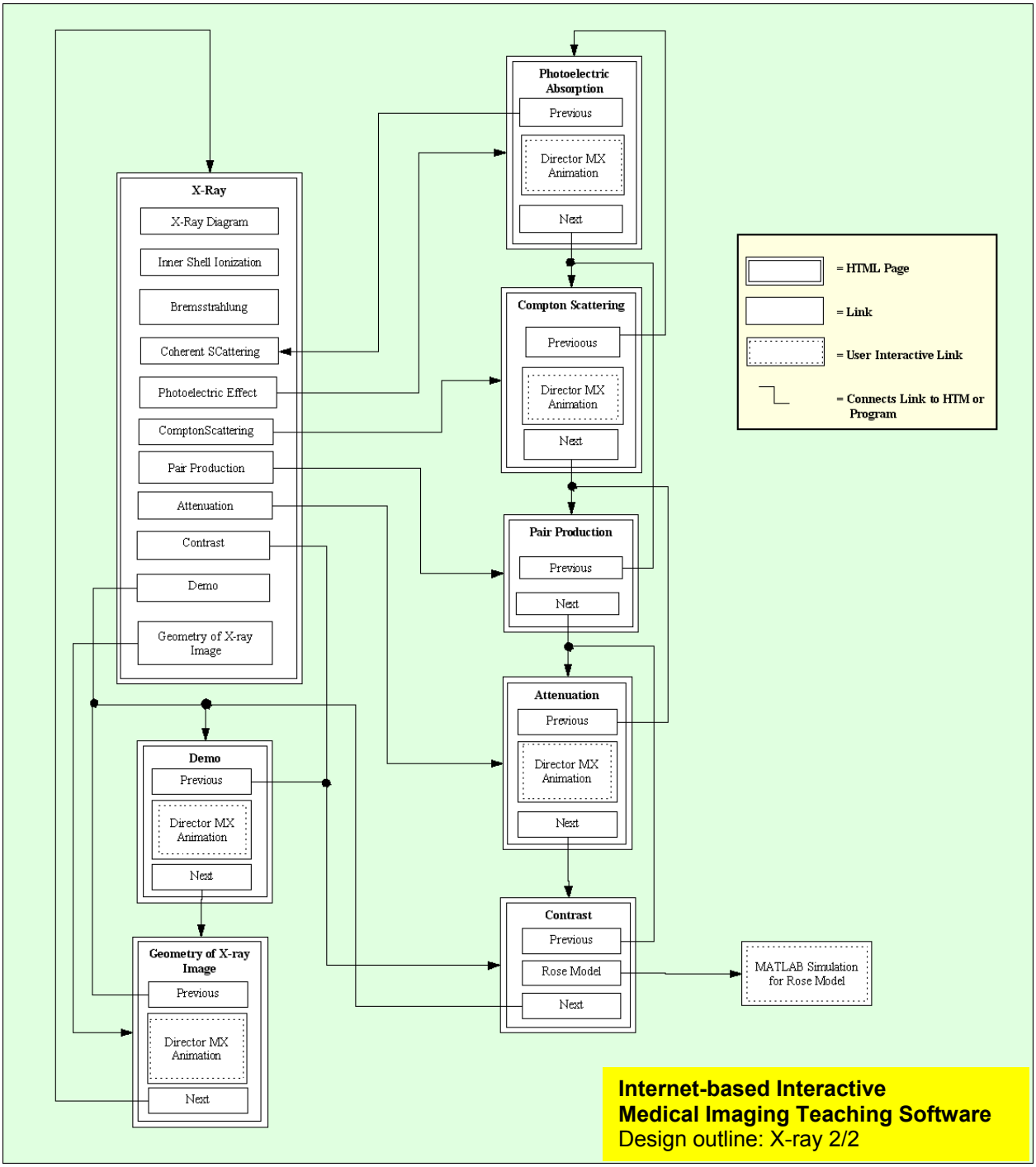
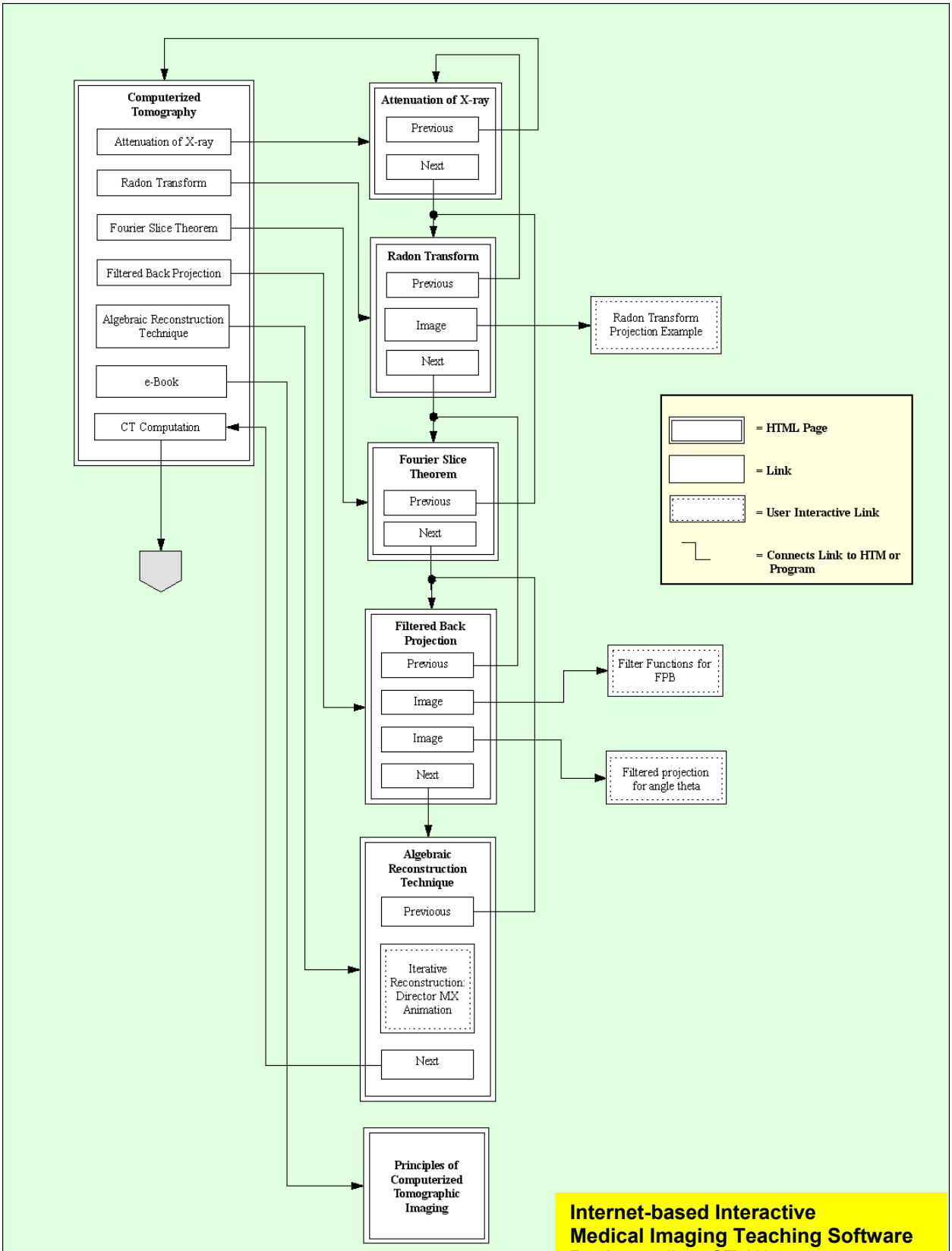
Simulation Design Flowchart

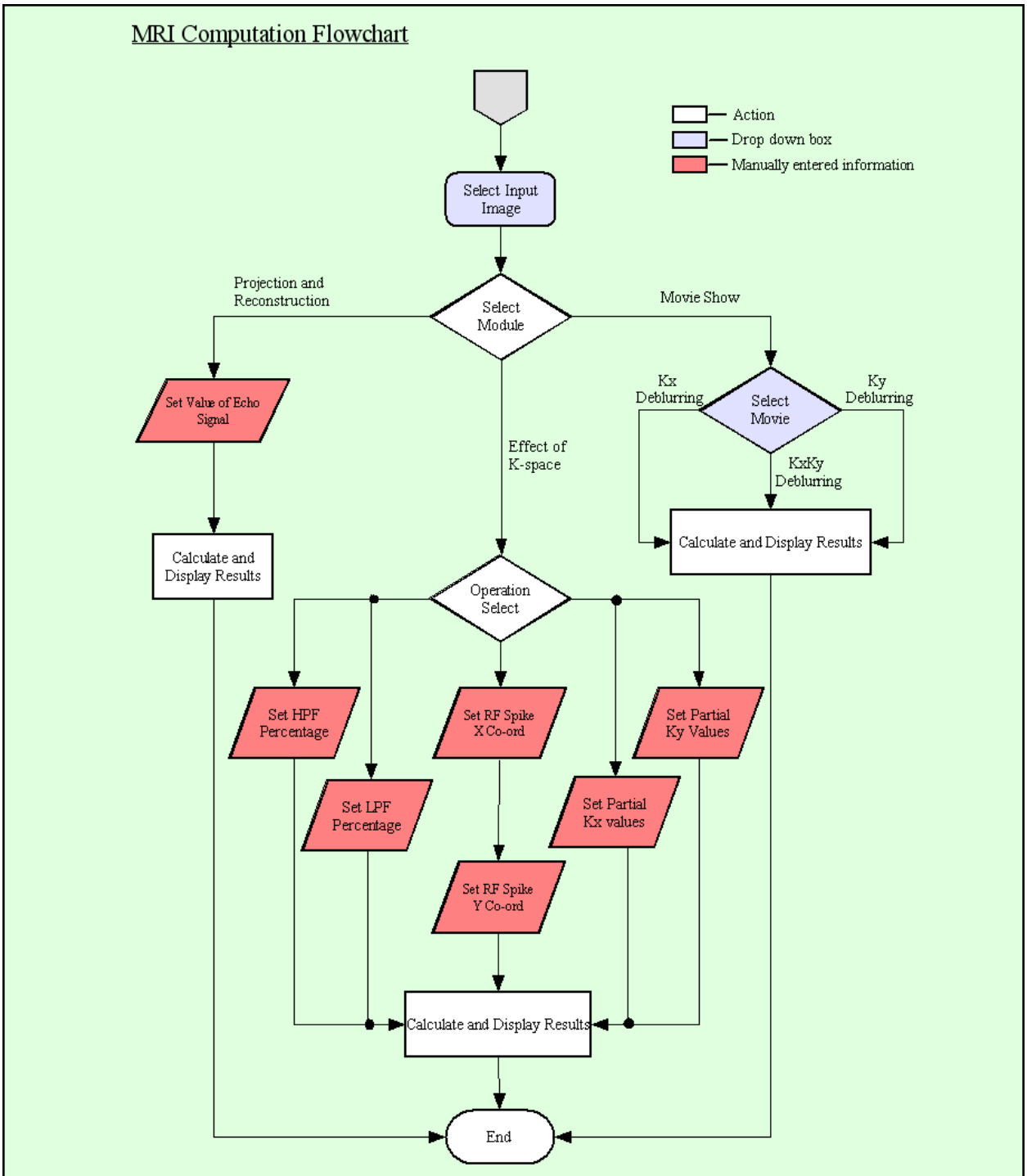




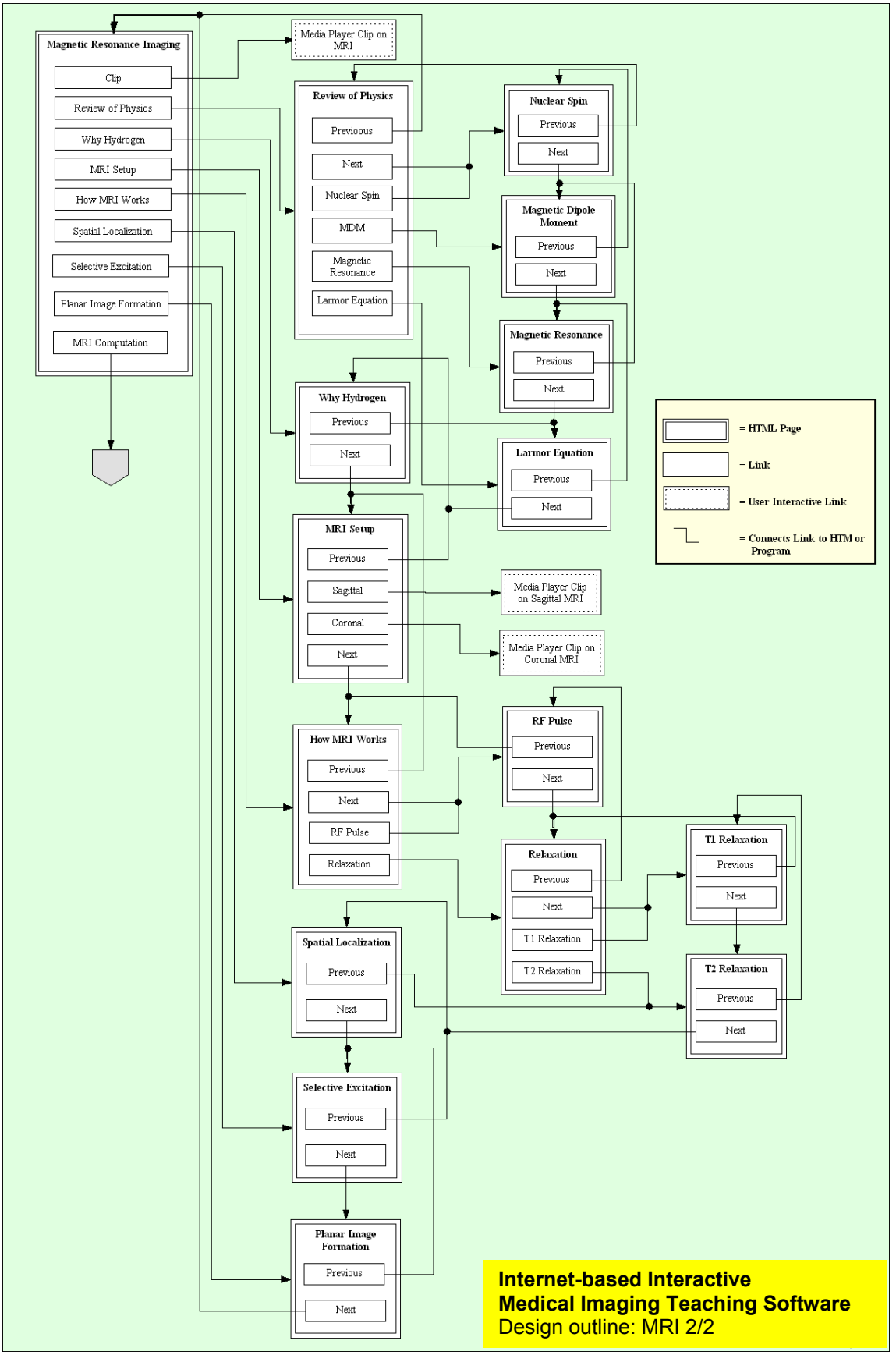
Internet-based Interactive Medical Imaging Teaching Software
Design outline: X-ray 2/2

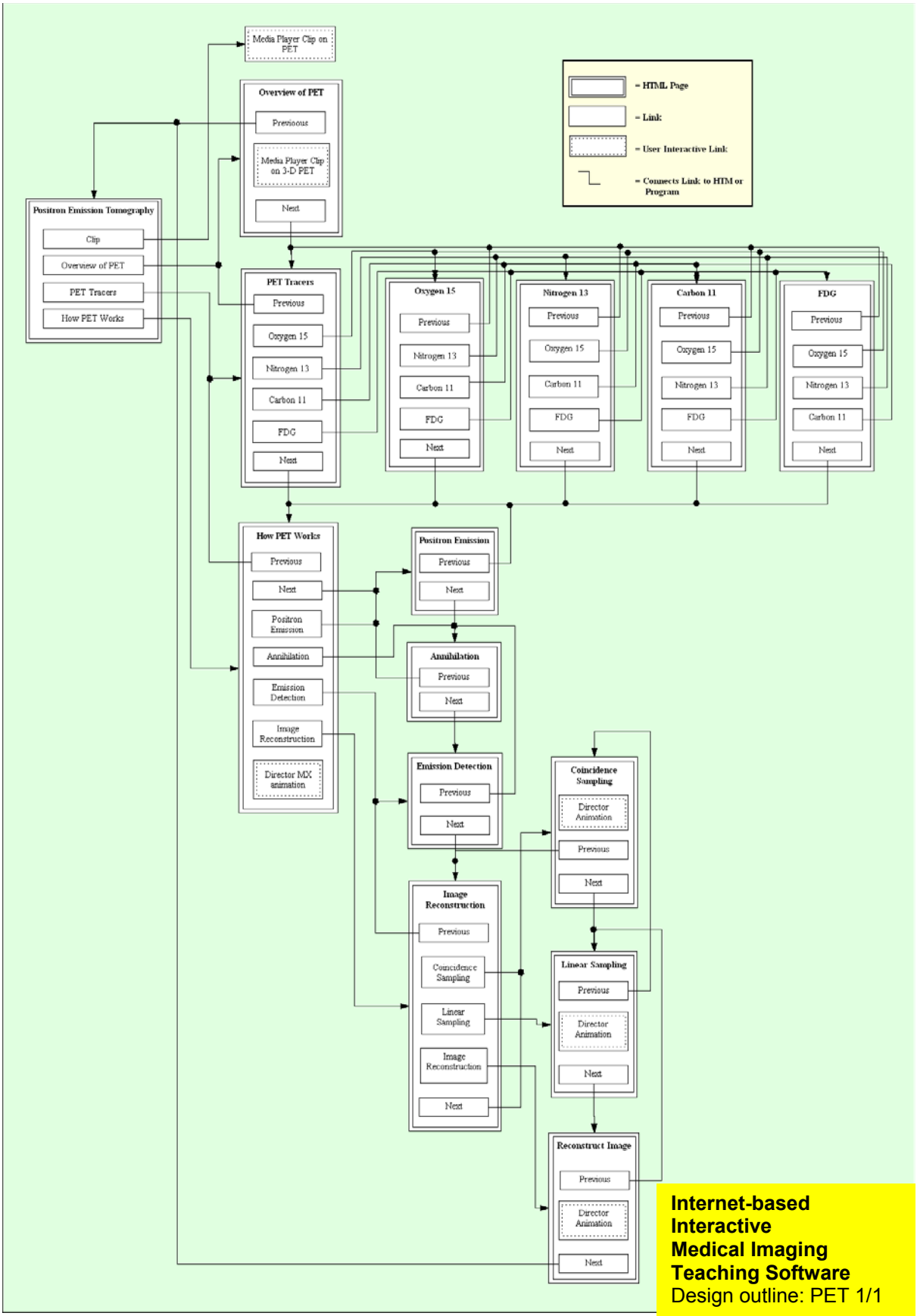


Internet-based Interactive Medical Imaging Teaching Software
Design outline: CT 1/1

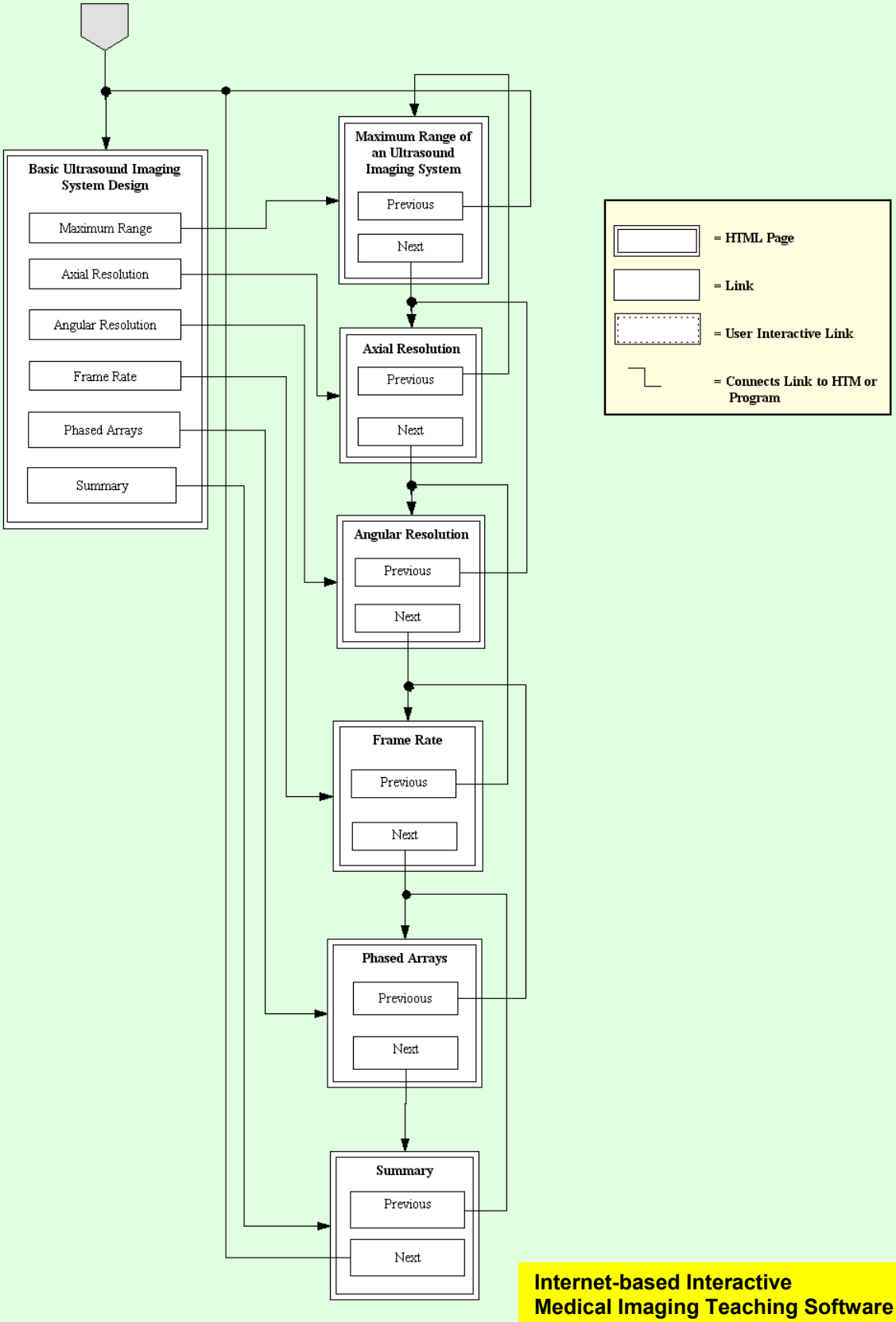


Internet-based Interactive Medical Imaging Teaching Software
Design outline: MRI 1/2

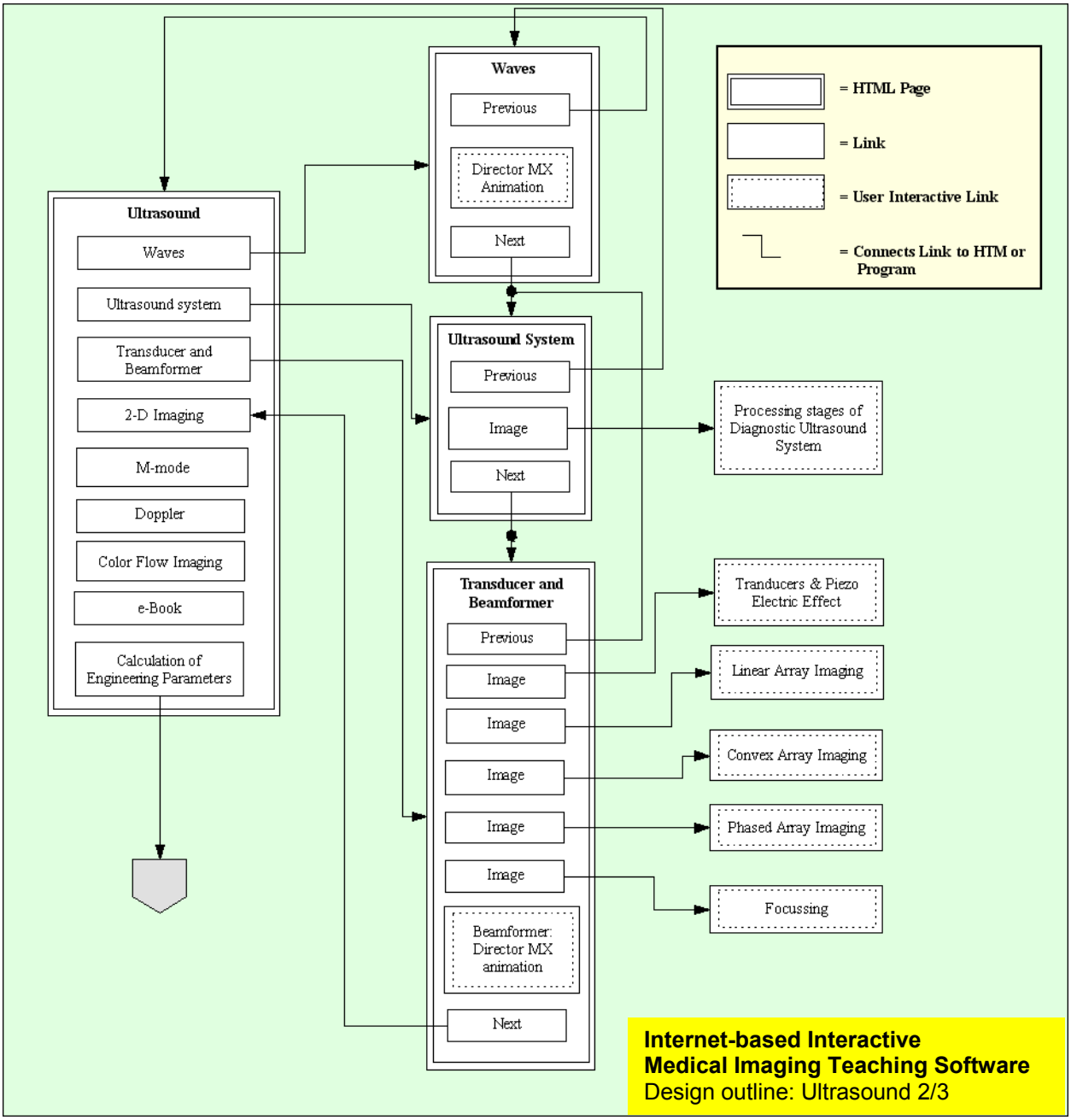

Magnetic Resonance Imaging
Clip
Review of Physics
Why Hydrogen
MRI Setup
How MRI Works
Spatial Localization
Selective Excitation
Planar Image Formation
MRI Computation
Media Player Clip on MRI
Review of Physics
Previoous
Next
Nuclear Spin
MDM
Magnetic Resonance
Larmor Equation
Nuclear Spin
Previous
Next
Magnetic Dipole Moment
Previous
Next
Magnetic Resonance
Previous
Next
Why Hydrogen
Previous
Next
Larmor Equation
Previous
Next
MRI Setup
Previous
Sagittal
Coronal
Next
Media Player Clip on Sagittal MRI
Media Player Clip on Coronal MRI
How MRI Works
Previous
Next
RF Pulse
Relaxation
RF Pulse
Previous
Next
Relaxation
Previous
Next
T1 Relaxation
T2 Relaxation
T1 Relaxation
Previous
Next
T2 Relaxation
Previous
Next
Spatial Localization
Previous
Next
Selective Excitation
Previous
Next
Planar Image Formation
Previous
Next
= HTML Page
= Link
= User Interactive Link
= Connects Link to HTM or Program
Internet-based Interactive
Medical Imaging Teaching Software
Design outline: MRI 2/2



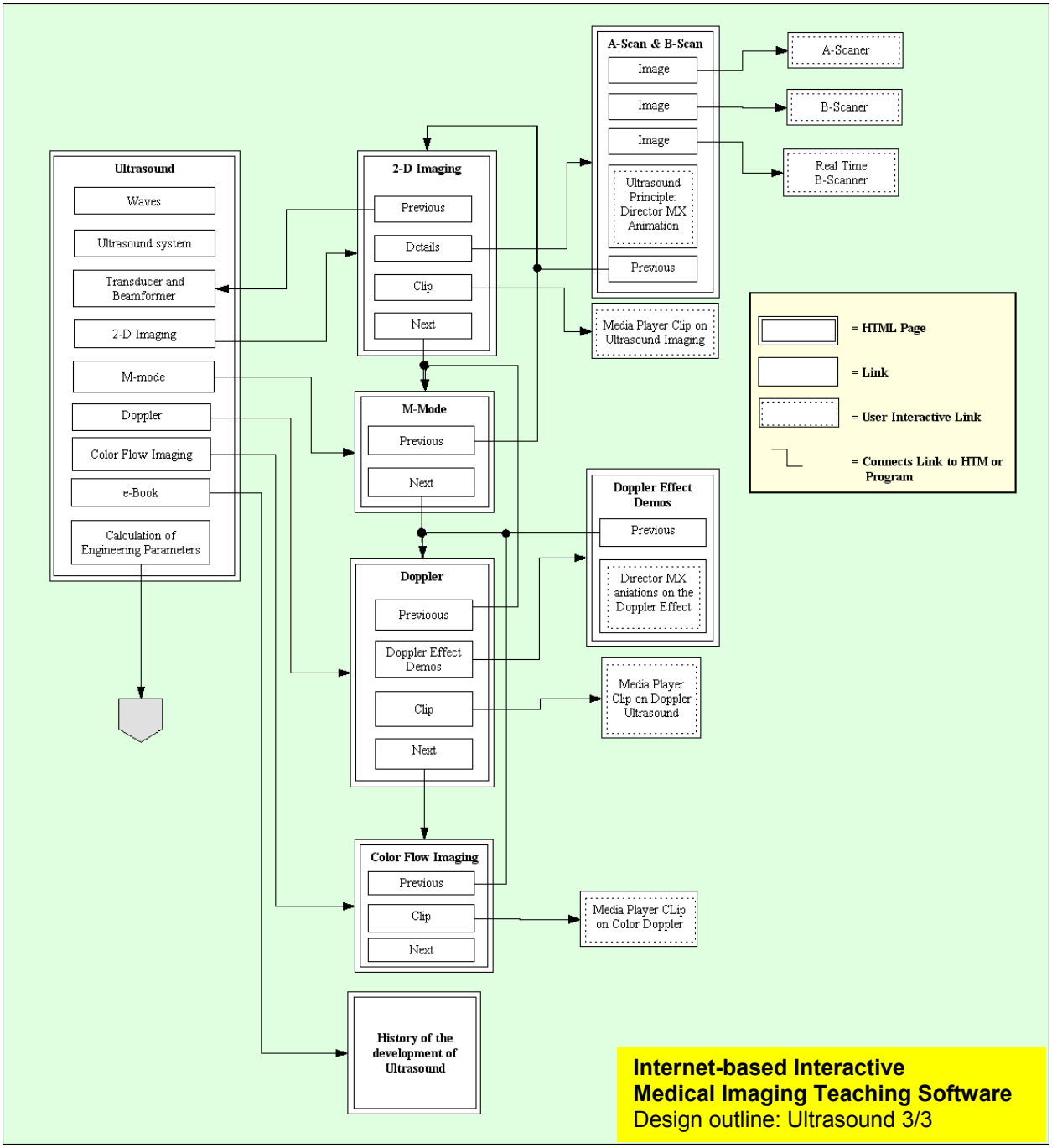
Internet-based Interactive Medical Imaging Teaching Software
Design outline: PET 1/1



Internet-based Interactive Medical Imaging Teaching Software
Design outline: Ultrasound 1/3



Internet-based Interactive Medical Imaging Teaching Software
Design outline: Ultrasound 2/3



Internet-based Interactive Medical Imaging Teaching Software

Design outline: Ultrasound 3/3