

# PROJECT PROPOSAL

## THERAPY KINECTION

TCU's senior design team, Kinecticons, proposes the project Therapy Kinection, which consists of developing an application for the Microsoft Kinect that can automate motion analysis for the Vail Sport Test for Ben Hogan Sports Medicine. The team will create an intuitive user interface on the client computer that utilizes a Kinect unit. The Kinect unit will take measurements of therapy routines defined by physical therapists, Mike Macko and Craig Garrison. The team will work closely with both therapists in order to ensure requirements are met and standards are upheld. The final product will be delivered to Ben Hogan Sports Medicine to assist in conducting the Vail Sports Test and for use on patients.