Garmin Virb 360 camera was used for the tour. It has two 180° fisheye lenses. The camera takes pictures with an aspect ratio of 2:1. I was a bit disappointed in the quality of the pictures. Another annoying thing was that the camera had to be charged for 3 hours only for it to last an hour.

Equirectangular Projection is a type of projection for mapping a portion of the surface of a sphere to a flat image. The horizontal coordinate is simply longitude, and the vertical coordinate is simply latitude.

In an equirectangular panoramic image all verticals remain vertical, and the horizon becomes a straight line across the middle of the image. Coordinates in the image relate linearly to pan and tilt angles in the real world.

The Delta tour consists of all floors except the 3rd floor in the secondary building because Swedbank has a no walkthrough policy. Most of the pictures have fairly appropriate titles in reference to their location. I ignored most of the utility rooms and exits but tried to get all of the classrooms, offices and lounge areas. The tour works on a phone using its accelerometer.

THE TOUR

Author: Sander Kangur
Institution: Faculty of Science and Technology, Institute of Computer Science, Informatics Curriculum, 2nd year of Bachelor’s studies
Website: http://kodu.ut.ee/~kangurs/