Prove the following trig identity.

$$\sec\theta - \tan\theta\sin\theta = \cos\theta$$

Secθ –tanθ*sinθ= 1/cosθ-sinθ/cosθ * sinθ/1

1/cosθ – sinθ/cosθ * sinθ/1 = 1/cosθ – $\sin^2\theta$/cosθ * $\sin^2\theta$/cosθ

1/cosθ – $\sin^2\theta$/cosθ * $\sin^2\theta$/cosθ = $\sin^2$ θ*$\sin^2$ θ/cos θ