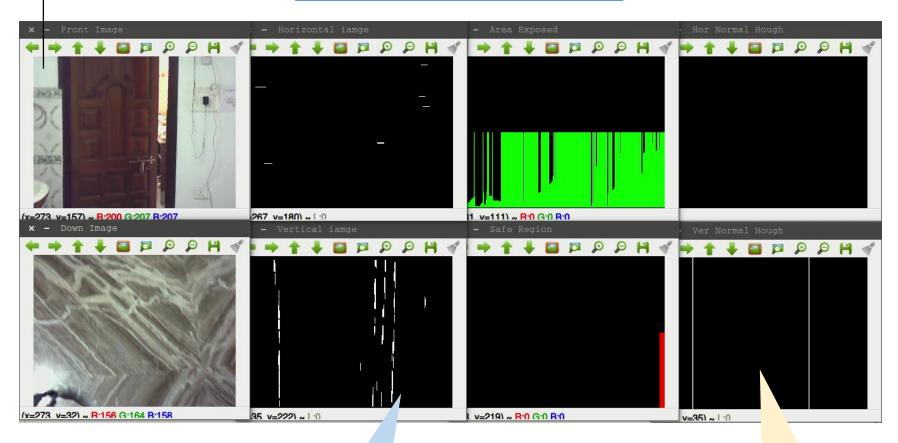
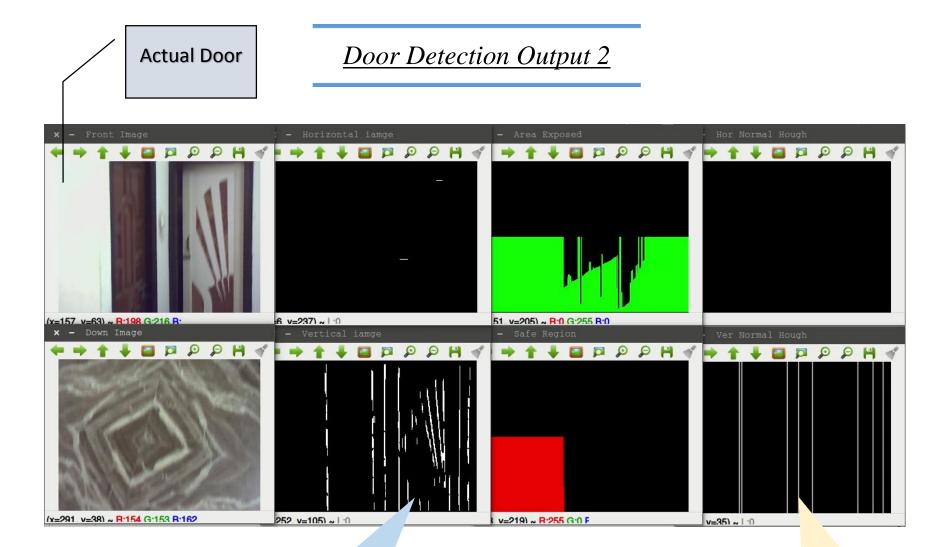
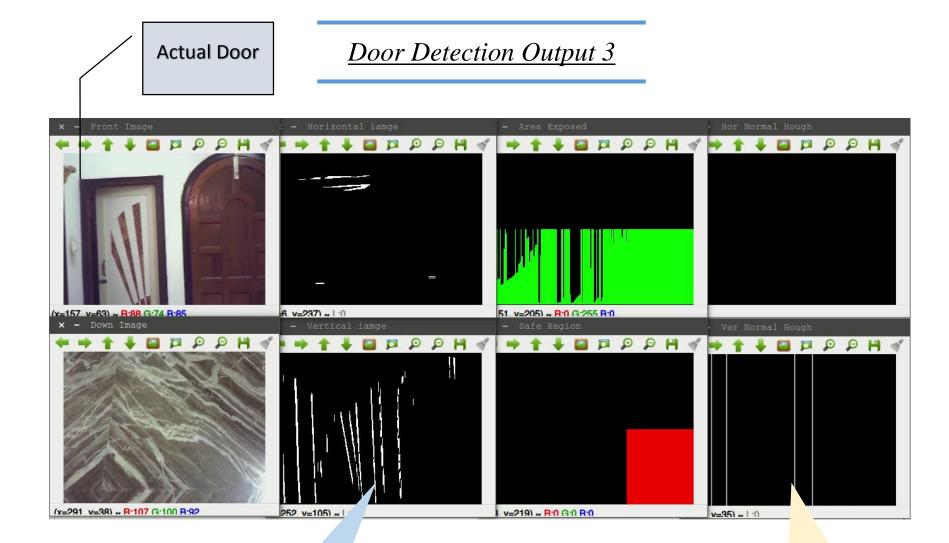
Actual Door

Door Detection Output 1



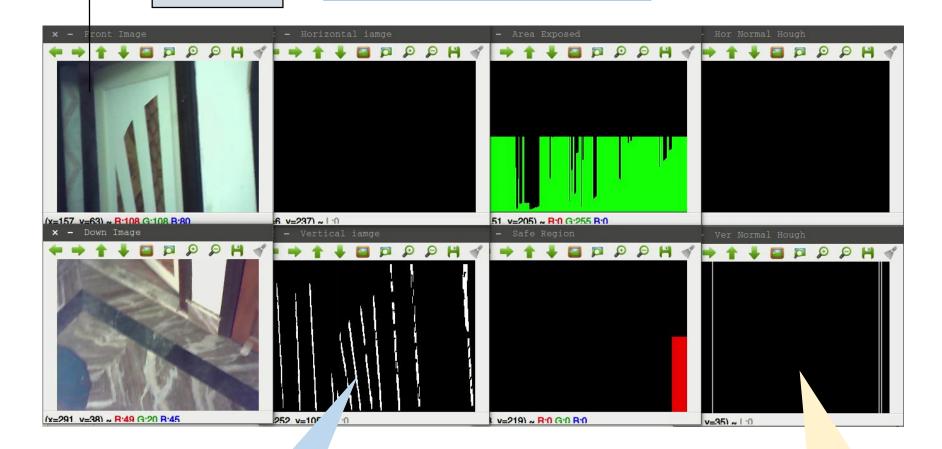
Door Initial Segmented



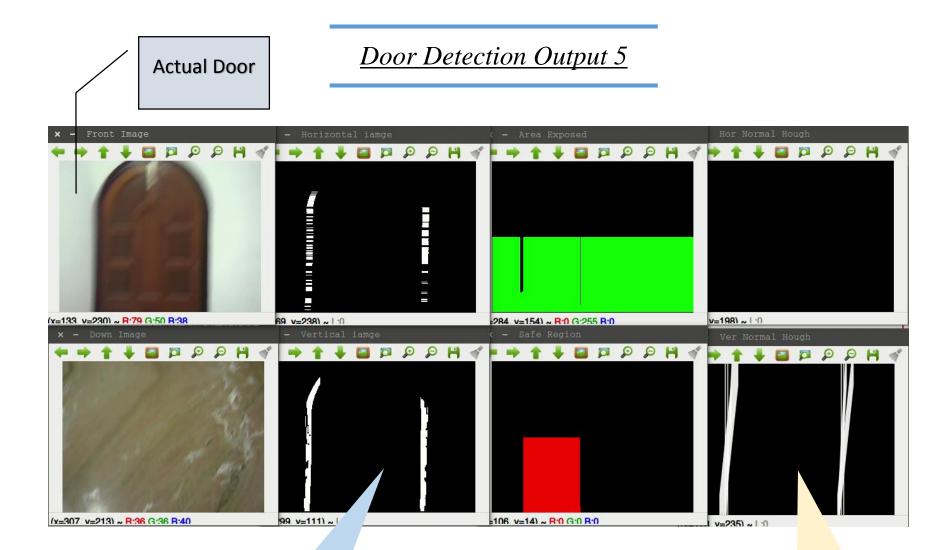


Actual Door

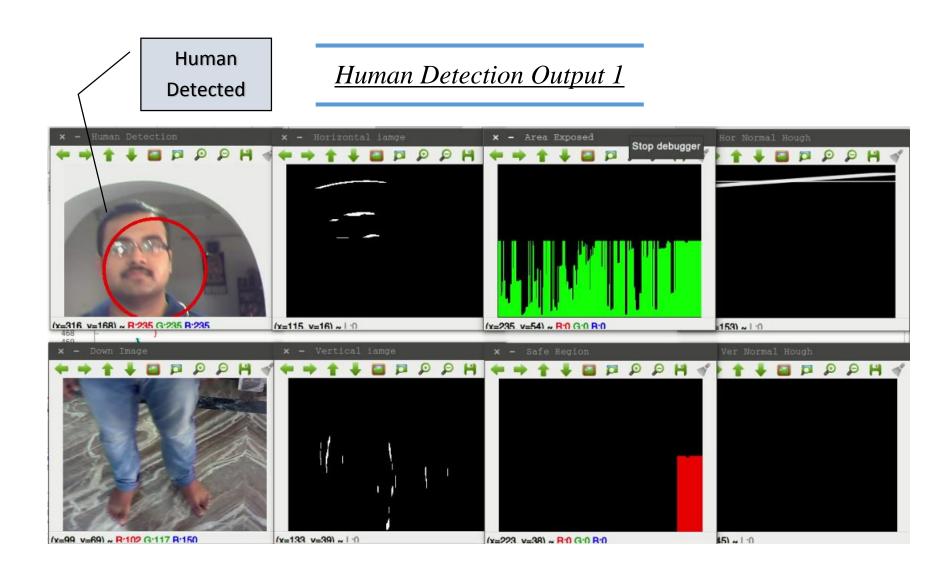
Door Detection Output 4



Door Initial Segmented

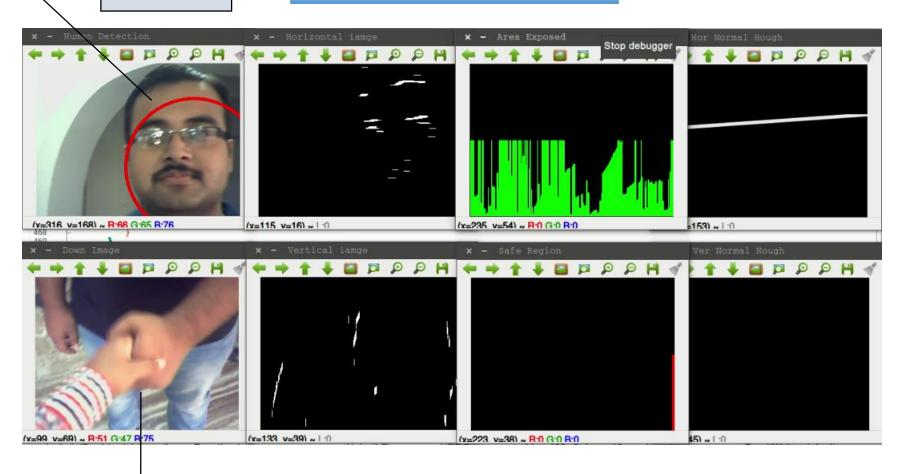






Human Detected

Human Detection Output 2



Human Interaction

Actual Stair Stair Detection Output 1 H Q Q Q (x=133 v=230) ~ R:79 G:82 R:81 69 v=238) ~ I (-284 v=154) ~ R:0 G:255 R:0 v=198) ~ 1:0 DPPPH 4 PPHA (x=307, v=213) ~ R:153 G:163 R:175 =106 v=14) ~ R:0 G:0 R:0 V-235) .. I .∩

Stair Initial Segmented

Stair Skeleton

Actual Stair Stair Detection Output 2 * - Front Image - Area Exposed Horizontal lamge - Area Exposed - Area Ex

P Q Q H

-284 v=154) ~ R·0 G·255 R·0

=106 v=14) ~ R:0 G:0 R:0

Stair Initial Segmented

99 v=1

69 v=238) ~ 1 ·0

PRQ

Stair Skeleton

) P H 4

v=198) ~ 1:0

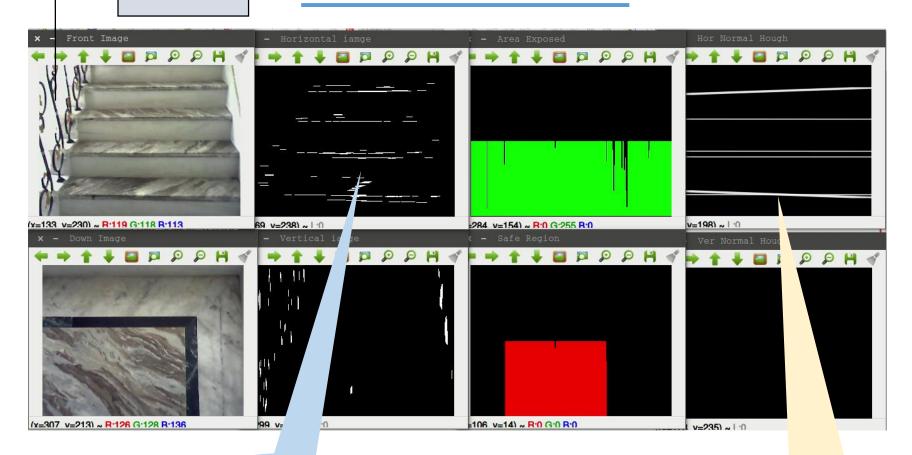
v=235) ~ 1:0

(x=133, v=230) ~ R·110 G·110 R·100

(x=307, v=213) ~ R:143 G:148 R:160

Actual Stair

Stair Detection Output 3



Stair Initial Segmented

Stair Skeleton