

# SUNFLOWR



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**traditional solar energy**  
**=**  
**manually tilting panels**  
**=**  
**energy lost as sun's  
position changes**









SUNFLOWR

auto-tilt solar panel + user  
interactive application

=

maximizes energy produced



# \$2,500 extra per technological panel

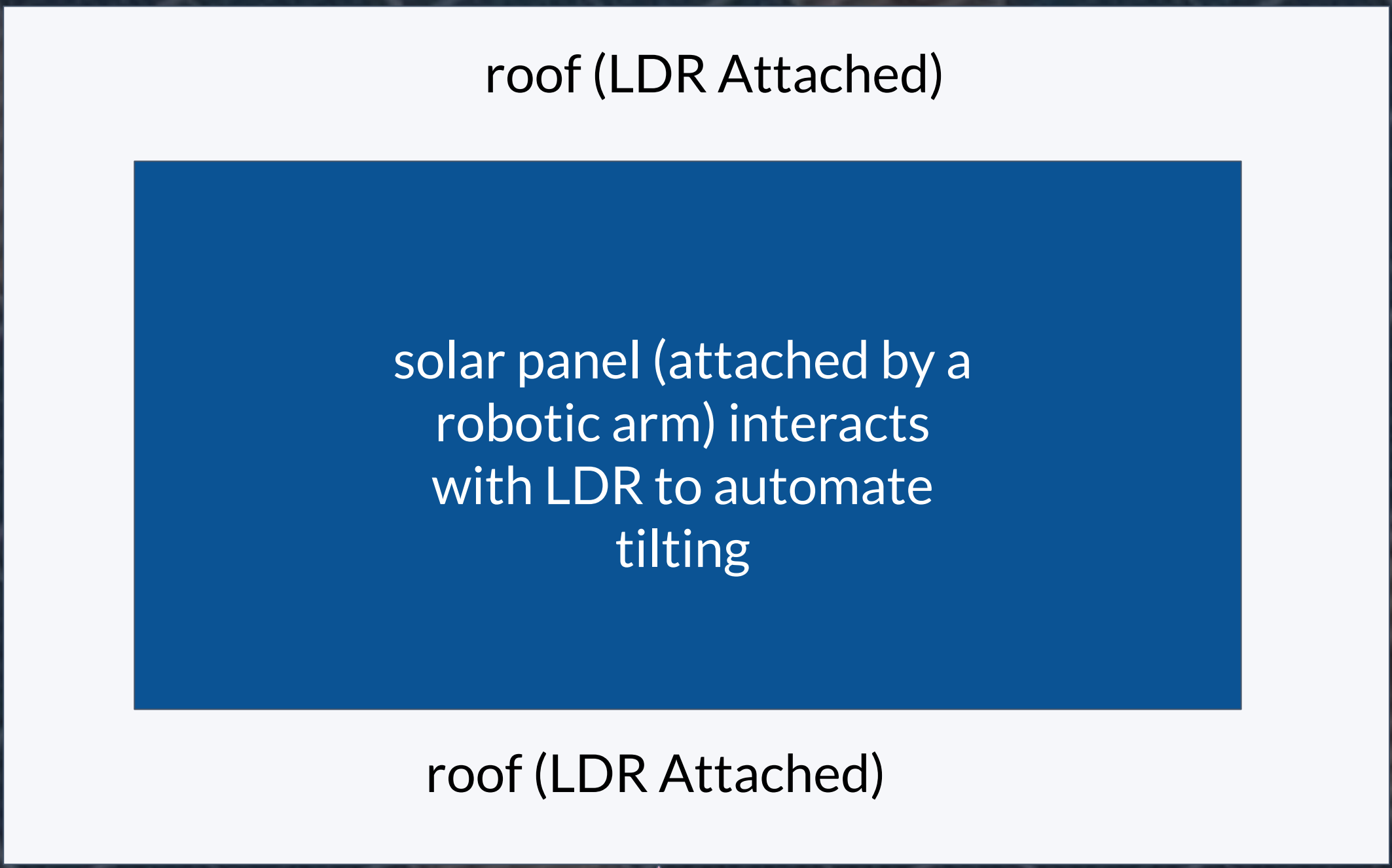
through the addition of Photoresistor LDR's (at a cost of \$3 each), around 200 LDR's per side

## over 40% more efficient

as compared to traditional, manual tilting solar panels for households - making household solar collection more efficient and accessible, similar to solar farms.

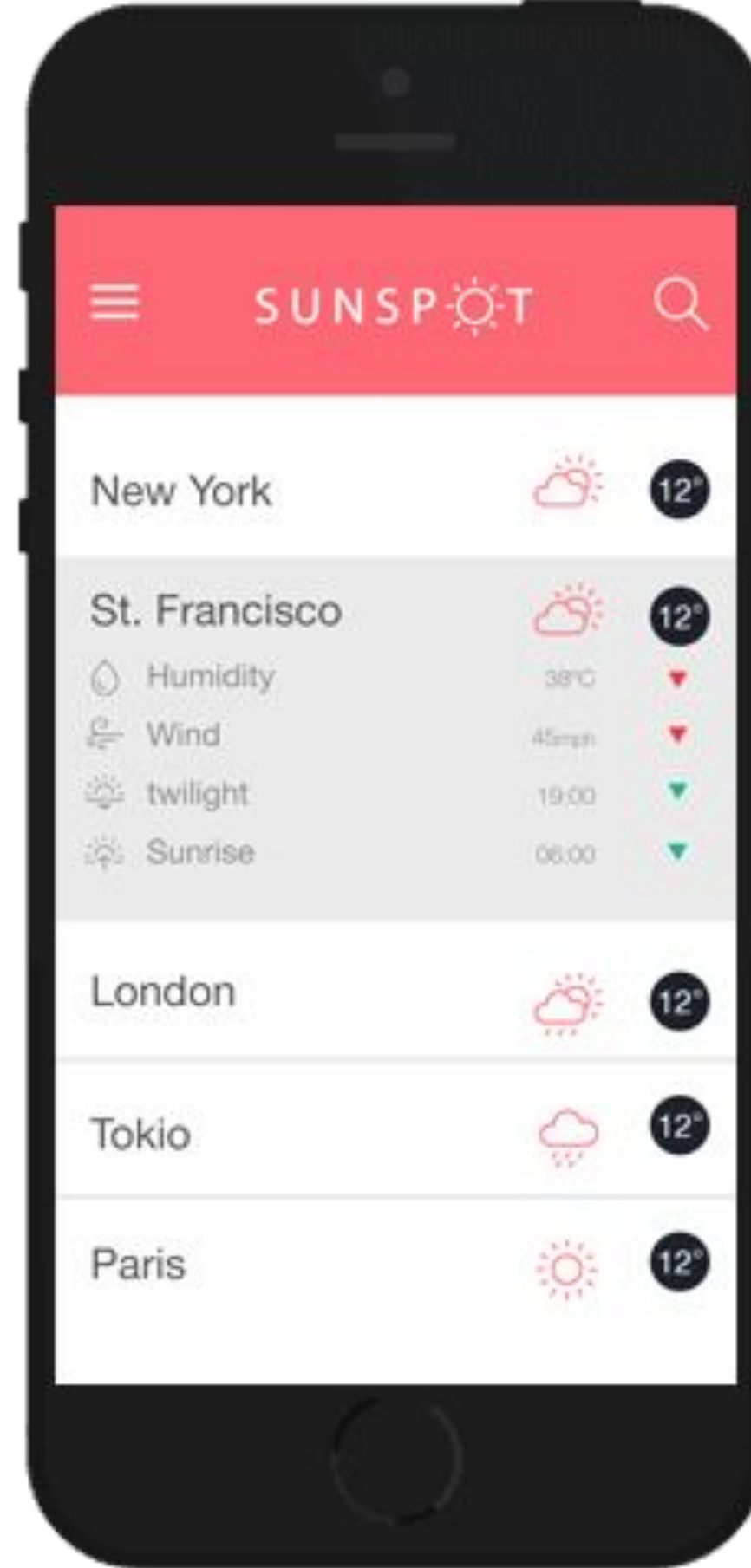














# IoT HACKATHON

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x

TKS