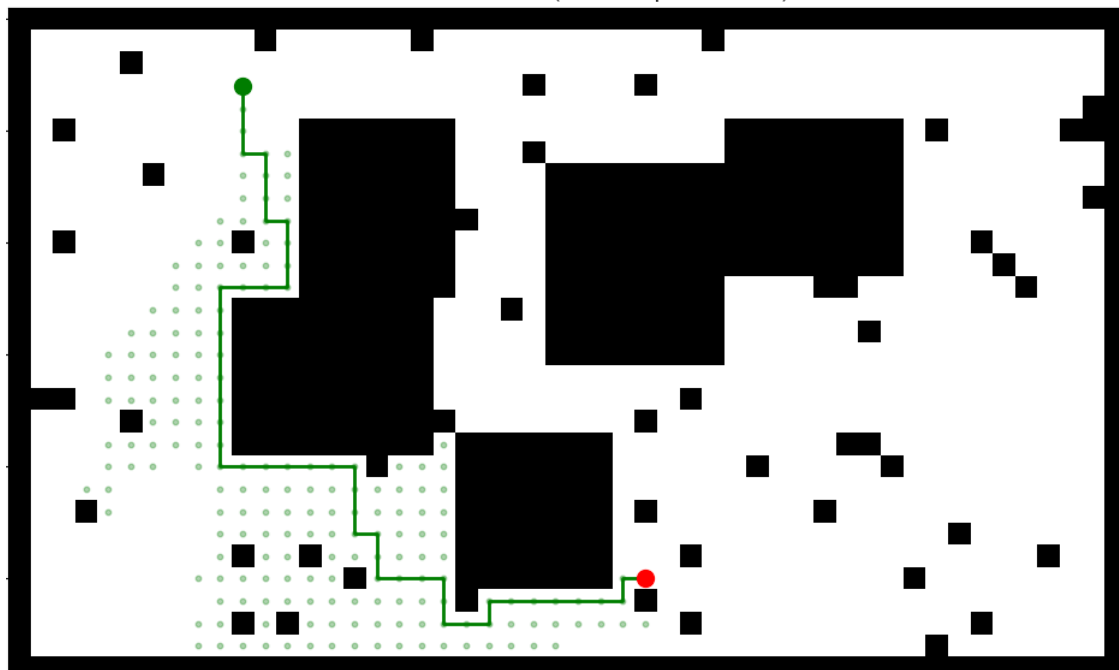
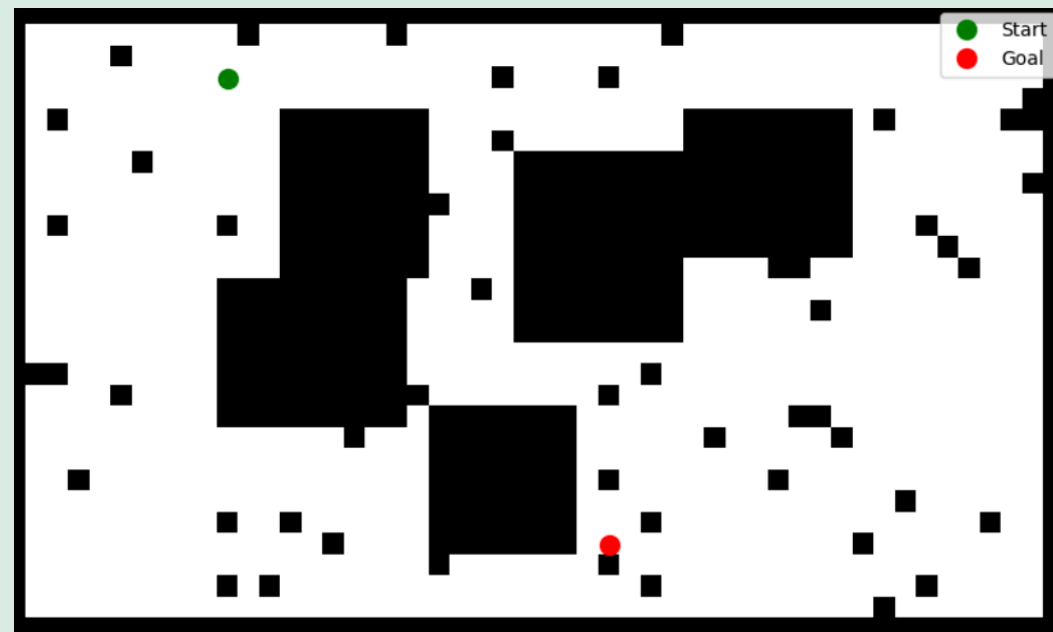


Ouput



Environment

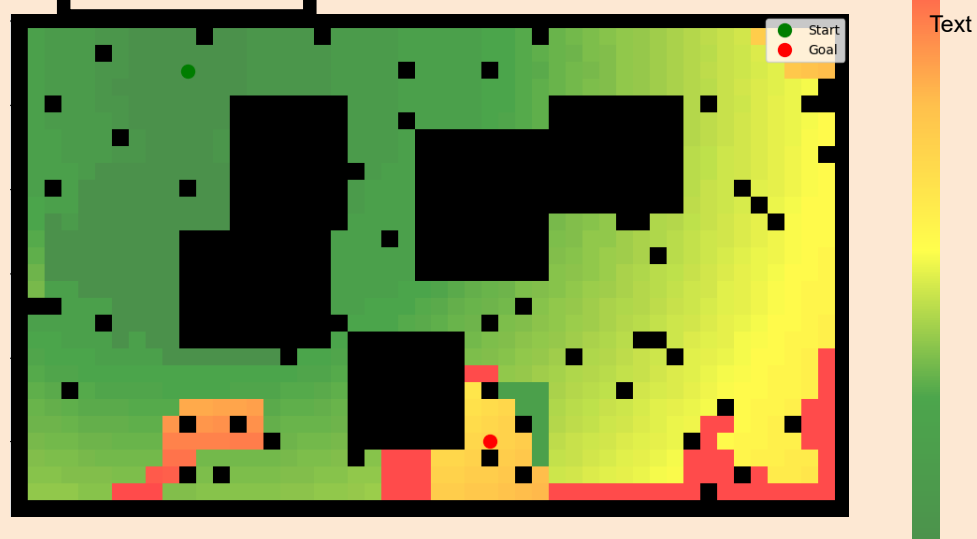


Guidance

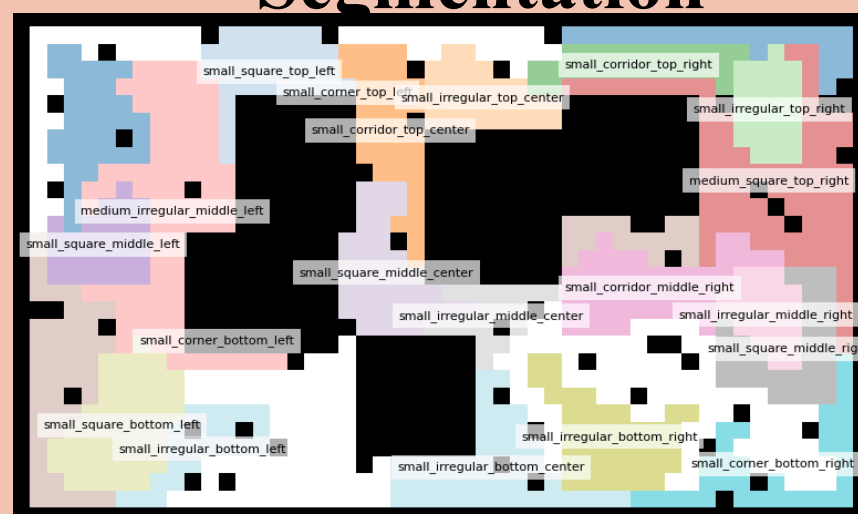
$\{C_{\text{enhanced}},$
 $\text{region_costs}, P\}$

Observation $\{E, S, G, \text{map_dim}\}$

Cost Map Genretator



Region Identification and Segmentation



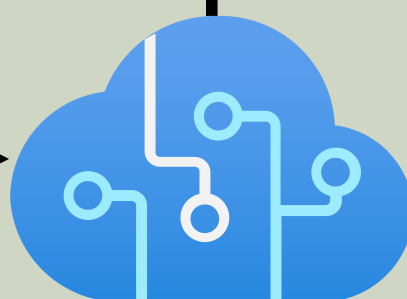
User Instruction



$\{I: \text{"Easier to go down from left..."}\}$

Constraints

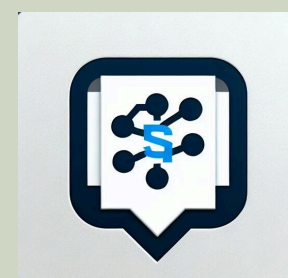
$\{C_{\text{pref}}, C_{\text{avoid}}, C_{\text{prox}},$
 $\text{region_weights}\}$



LLM Agent

$\{\mathcal{R}, \text{region_types}, S,$
 $G\}$

Context



SLICE