

KKU360: Explore KKU Civil Engineering

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Team Members

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Pain Point

*There is no **convenient and neat** way of virtually explore department of civil engineer online.*

Importance

*The better online access to resources about physical place in KKU,
the more convenient it is for people online to better make their
decisions about living here.*

Strategy

Whatever it takes to get the jobs done.

- To make a convenient and neat exploration tool for KKU Civil Engineering in 360°
- To try out using 360°camera.
- To try out making a website that support 360°images.

Tools I used

- Visual Studio Code
- Git
- Github
- Github Copilot
- Google Gemini
- Insta360
- Overleaf

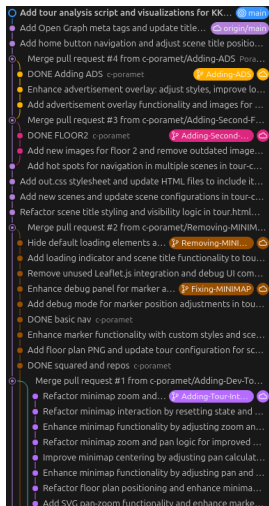


Figure 1: Commits

The screenshot shows a GitHub repository named '360KKU' (Public). The repository has 10 branches and 0 tags. The main branch is selected. The repository contains several files: 'src', '.gitignore', 'README.md', 'analysis.py', 'hotspot_heatmap.png', 'index.html', and 'tour_graph.png'. The 'README.md' file is open, showing the title 'KKU 360° Virtual Tour' and a description: 'A simple virtual tour project for Khon Kaen University's Department of Civil Engineering.' The 'About This Project' section states: 'This is my attempt to create a virtual tour for KKU's Civil Engineering department. The tour allows visitors to navigate through different areas of our campus buildings using 360° panoramic images.' The 'Features' section is also visible. On the right side, the 'About' section is empty, and the 'Releases' section shows 'No releases published'. The 'Packages' section shows 'No packages published'. The 'Deployments' section shows '10' deployments, with the latest one being 'github-pages' 6 minutes ago. The 'Languages' section shows a bar chart with the following data: HTML (83.7%), Python (9.6%), and CSS (6.7%).

Figure 2: Repo

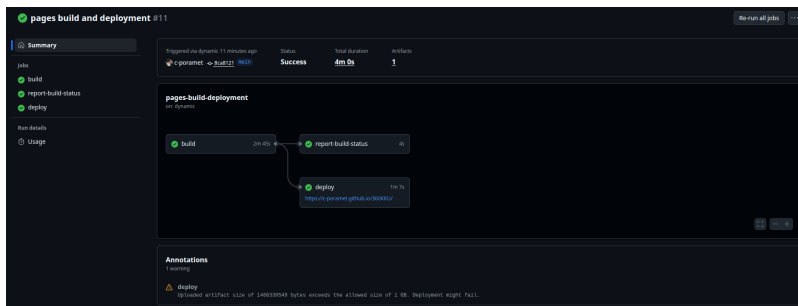


Figure 3: Pages build and deployment

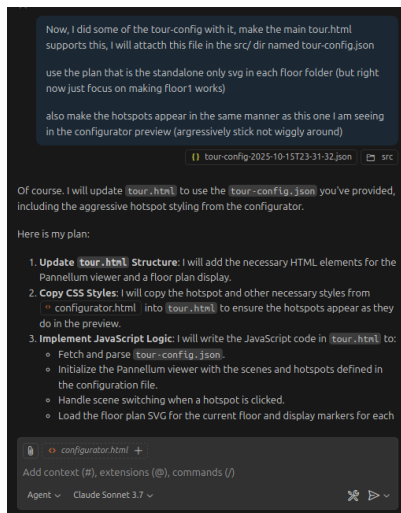


Figure 4: Copilot Conversation

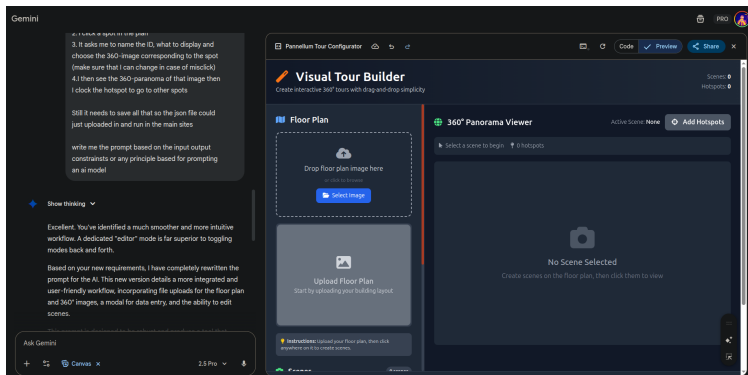


Figure 5: Copilot Conversation

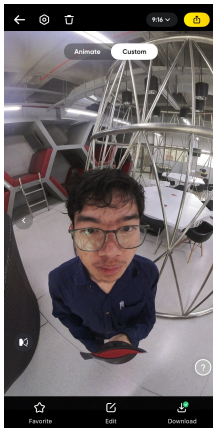


Figure 6: Insta360 Interface

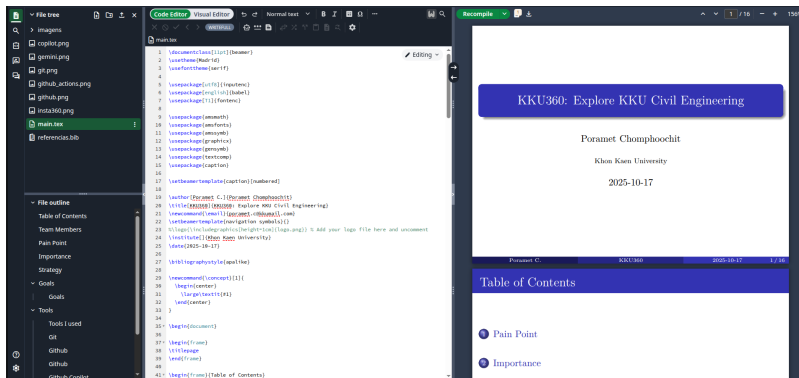


Figure 7: Overleaf

Source Code

<https://github.com/c-poramet/360KKU>



Demo

<https://c-poramet.github.io/360KKU/>



Thank You!

Feel Free to ask any Questions.

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