Meeting – Week 4 with Client

Date: 8.13.2024
Time: 2:30pm- 3:30pm
Attendees:Chang Liu, Chengxu Wang, Qilong Li, Yifan Wang, Yushi Zuo, Zhining Zhang

Agenda:
1. Demo of Canvas Backgrounds
2. Discussion on Meta AI Integration
3. Review of Image Layout Features
4. Client Requirements and Feedback
5. Next Steps and SoW (Statement of Work) Discussion

1. Demo of Canvas Backgrounds:
- Canvas Backgrounds Demo: Demonstrated the integration of canvas backgrounds in the current project. The demo featured articles from which NLP was used to extract key elements, followed by searching for related images of individuals like Trump and Murdoch in OpenVerse.
- The demo showcased how different background options and person-focused overlays could be applied, enhancing the overall visual appeal.

2. Meta AI Integration:
- Get Background (NLP on Article): Discussed the process of extracting backgrounds using NLP techniques from various articles.
- Search the Person in OpenVerse: Explained how the system searches for specific individuals, such as Trump and Murdoch, in OpenVerse, ensuring the images match the extracted background.

3. Review of Image Layout Features:
- Feature 1: Centred Full Image
  - Name: "Full Frame"
  - Description: Single image, centred with super-resolution and entropy-based cropping techniques. Optional black and white conversion.

- Feature 2: Half Picture with Text**
  - Name:"Split Frame: Image-Text"
  - Description: Left half contains a cropped image, while the right half displays text with various formatting options.

- Feature 3: Gradient with Person**
  - Name: "Gradient Portrait"
  - Description: Person prominently displayed in front of a gradient background, with optional text overlay.

- Feature 4: Half Picture with Person and Gradient**
  - Name: "Split Frame: Scene-Portrait"
  - Description: Left side displays a background scene with text overlay; the right side features a gradient background with a person in focus.

- Feature 5: Two-Person Juxtaposition**
  - Name: "Dual Portrait: Simple"
  - Description: Two images placed side by side, occupying half the frame each.

- Feature 6: Two-Person Gradient**
  - Name: "Dual Portrait: Gradient"
  - Description: Similar to the simple dual portrait, but with gradient backgrounds added to both halves.

- Feature 7: Diagonal Two-Person
  - Name: "Dual Portrait: Diagonal"
  - Description:** Two images cropped and placed diagonally, with a separating border.

- Feature 8: Tripartite Layout (New)
  - Name: "Triple Frame"
  - Description: Divides the image into three vertical sections, allowing different entities or scenes to be displayed side by side.

- Feature 9: Circular Cutout (New)
  - Name: "Circular Focus"
  - Description: Main subject presented in a circular cutout with a relevant background or texture.

- Feature 10: Quad Layout (New)
  - Name: "Quad Frame"
  - Description: Divides the image into four equal quadrants, each containing a different entity, scene, or text element.

4. Client Requirements and Feedback:
- Emotion Detection: Discussed the possibility of incorporating emotion detection for agents. However, the client expressed a preference for traditional computer vision methods over neural network-based approaches for this feature.
- Next Steps: Continue following up on client requirements and adjust the implementation strategy to align with the client's preferences for using traditional methods.

5. Next Steps and SoW (Statement of Work) Discussion:
- Contact with Client to Discuss the SoW: Planned follow-up discussions to finalize the Statement of Work based on the client's feedback.
- Demo: Scheduled another demo session to refine and review the features and layouts discussed.

Action Items:
1. Finalize the background extraction and image search workflow.
2. Develop and refine the image layouts as per the client's feedback.
3. Adjust emotion detection methods to use traditional computer vision techniques.
4. Prepare for the next demo and SoW discussion.

Next Meeting: Friday 4:00- 6:00 PM with tutors.