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| **Project** | | | LearnTube Portal | | | | |
| **Situation** | | | What do you want to accomplish? | | **Success Criteria** | | What has to be true when this project is finished? |
| Objective – Restricting employees to use YouTube for learning purpose  There’s a need to limit internet usage. YouTube has been restricted on the network, but access to it is necessary for POC or learning new technologies. However there have been instances of employees using it for music, podcasts, and non-learning videos.  When an employee requires YouTube for learning, they must obtain approval from their manager. Following this, the IT team needs to whitelist their system. Only after these steps can they use YouTube for learning purposes.  To streamline this process, we could develop a portal that embeds YouTube. This portal would allow users to search for content, and with the help of AI, we could determine if the search is related to technology learning. If it is, the user would be permitted to watch the video.  This portal could be integrated into our existing LDP Portal, after which direct access to YouTube would be blocked.  This solution would simplify the process and ensure that YouTube is used strictly for educational purposes within the company. | | | | | 1. **Phase 1: Initial Development and Deployment**    1. Develop a portal that integrates YouTube within the existing Learning Development Portal (LDP).    2. Implement AI capabilities to assess and filter YouTube searches based on their relevance to technology learning.    3. Ensure the portal allows for seamless searching and viewing of educational content. 2. **Phase 2: Feature Enhancement and Expansion**    1. Enhance the portal to include additional features such as tracking learning progress, suggesting related educational content, and providing a feedback mechanism for users.    2. Expand the portal’s capabilities to include a broader range of educational resources beyond YouTube, such as industry-specific training platforms or certification courses.    3. Monitor user engagement metrics, such as average session duration and frequency of use, to gauge the portal’s effectiveness. | | |
| **Importance** | | | What’s the biggest difference this will make? | |
| 1. Avoid the approval process for manually whitelisting YouTube videos, saving time for developers, IT teams, and managers. 2. Companies will conserve internet bandwidth, preventing employees from using it for non-work-related YouTube videos, music, podcasts, and other non-learning content. 3. IT teams have the capability to restrict access to YouTube across the network. | | | | |
| **Ideal Outcome** | | | What does the completed project look like? | |
| 1. Portal that integrates YouTube within the existing LDP Portal, designed to facilitate learning and professional development. 2. This portal would leverage AI to assess the relevance of YouTube searches to technology learning. 3. If the content is deemed educational, employees would be granted access to view the videos. 4. This system aims to ensure that YouTube is utilized exclusively for learning purposes, thereby optimizing internet usage and maintaining focus on professional growth. 5. Eliminate the need for manual whitelisting by the IT team and provide a more efficient way for employees to access necessary learning resources. 6. This solution aligns with the objective of enabling YouTube for educational use while restricting it for non-learning activities, ensuring that the platform is used productively within the company. | | | | |
| **Best Result** | | If you do take action | | We can restrict access to sites like YouTube across the network. For any proof of concept (POC) and learning activities, employees can utilize this dedicated portal to search for and engage with educational content. | | | |
| **Worst Result** | | If you don’t take action | | The IT team is unable to block YouTube across the entire network, as doing so would hinder employees who need to access the platform for learning or proof of concept (POC) work. If YouTube were to be blocked, employees would have to navigate a lengthy approval process, and the IT team would have to allocate resources to manually whitelist those employees needing access to YouTube for legitimate purposes. | | | |