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| **Project Name:** | **ImageMedix** |
| **Team:** | The Minions |
| **Project Description:** | For **healthcare professionals** who **need to diagnose pneumonia and brain tumors efficiently**, the **Dual-Stage Medical Image Classification System** is a **two-step image analysis tool** that **automatically classifies medical images as lung X-rays or brain MRIs and provides a diagnosis**. Unlike **separate diagnostic systems that handle only one type of image**, our application **streamlines diagnosis by analyzing both image types within a single system, saving time and improving diagnostic accuracy**. |
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| **Benefit Outcomes:** | * **Faster Diagnosis:** Automates image classification and diagnosis, reducing the time needed for manual analysis. * **Improved Accuracy:** Provides consistent and reliable preliminary diagnoses, minimizing human errors. * **Resource Optimization:** Assists medical facilities with limited access to specialists, enabling quicker and more informed decisions. |
| **Github Link:** | https://github.com/htmw/2025S-The-Minions/wiki |