**Ideation Phase**

**Empathize & Discover**

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| --- | --- |
| Date | 28 June 2025 |
| Team ID | LTVIP2025TMID40163 |
| Project Name | grainpalette - a deep learning odyssey in rice type classification |
| Maximum Marks | 4 Marks |

**Empathy Map Canvas**

**Project**: GrainPalette – A Deep Learning Odyssey in Rice Type Classification  
**Purpose**: Understand the needs, goals, frustrations, and behaviors of key users (e.g., rice mill staff, farmers, vendors) involved in manually identifying and sorting rice types.  
**Reference**: Inspired by [MURAL Empathy Map Canvas](https://www.mural.co/templates/empathy-map-canvas)

**👤 USER:**

### 👤 USER

**Primary User Persona**:  
Rice sorting staff / Mill workers / Small-scale rice vendors who manually identify and separate different rice types during post-harvest processing or sales.

### 🧠 THINK & FEEL

* “Will I classify this rice type correctly?”
* “What if I mix up Arborio with Jasmine?”
* “How do I train my new staff to spot subtle differences?”
* Feels uncertain when grains look similar in shape or color.
* Worries about customer complaints due to mislabeling or inconsistent quality.

GrainPalette – A Deep Learning Odyssey in Rice Type Classification



