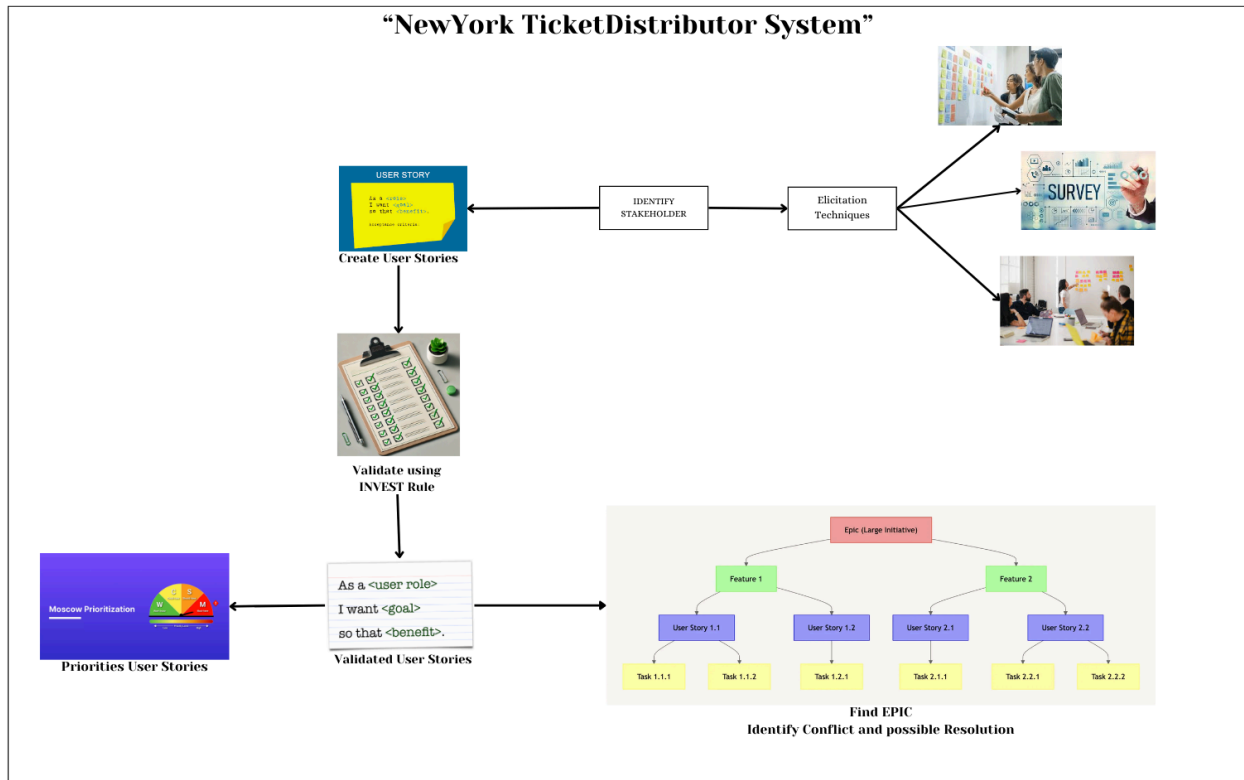# PART–B

Visual Representation of pipeline

RUST Questionnaire

Readable(R)

RUST Questions	LLM1 (Deepseek)	LLM2 (Mistral)	LLM3 (Llama)	LLM4 (Gemini)	Manually Developed
Q1. Readability of user stories	4 - Good readability, but sometimes over-explains.	3 - Some sentences are unclear and lengthy.	5 - Clear and concise.	4 - Well-structured, but some long-winded explanations.	5 - Well-written, follows standard conventions.
Q2. Grammar correctness	4 - Minor grammatical	3 - Issues with sentence	5 - Grammatically	4 - Good, but occasional	5 - Polished grammar.

	errors.	structure and phrasing.	perfect.	awkward phrasing.	
Q3. Spelling accuracy	5 - No major spelling mistakes.	4 - Some typos and minor errors.	5 - Flawless spelling.	4 - A few misspellings detected.	5 - No spelling issues.
Q4. Verbosity & redundancy	3 - Tends to be wordy and repetitive.	2 - Highly verbose, repeats concepts unnecessarily.	4 - Balanced explanations.	3 - Some unnecessary phrases but mostly clear.	5 - Precise and to the point.
Q5. Readability of test cases	4 - Well-structured but slightly over-detailed.	3 - Some test cases were confusing.	4 - Well-organized.	3 - A bit wordy in places.	5 - Clear, concise test cases.

Understandable (U)

RUST Questions	LLM1 (Deepseek)	LLM2 (Mistral)	LLM3 (Llama)	LLM4 (Gemini)	Manually Developed
Q1. Semantic accuracy	4 - Captures user intent well.	3 - Some phrases make the intent unclear.	5 - Very precise in meaning.	4 - Mostly accurate but has slight ambiguities.	5 - Perfectly aligned with requirements.
Q2. Clarity of language	4 - Uses clear wording.	3 - Some phrasing makes it hard to understand.	5 - Simple, direct language.	4 - Mostly clear, but has some complex phrasing.	5 - Well-structured sentences.
Q3. Comprehensibility	4 - Easy to follow.	3 - Some user stories are hard to understand.	5 - Very logical flow.	4 - Mostly good but a few points unclear.	5 - No difficulty in comprehension.
Q4. Difficulty in understanding	3 - A few stories are harder to grasp.	3 - Some vague descriptions make it confusing.	4 - Mostly straightforward.	3 - Occasionally unclear.	5 - Fully comprehensible.
Q5. Confidence in objectives	4 - Gives confidence in requirements.	3 - Sometimes indefinite.	5 - Objectives are well defined.	4 - Mostly good but needs slight	5 - Very clear objectives.

				refinement.	

Specificity (S)

RUST Questions	LLM1 (Deepseek)	LLM2 (Mistral)	LLM3 (Llama)	LLM4 (Gemini)	Manually Developed
Q1. Sufficiency of details	3 - Some missing details.	3 - Lacks depth in user requirements.	5 - Covers all aspects well.	4 - Well-specified but lacks minor details.	5 - Fully detailed user stories.
Q2. Well-specified acceptance criteria	3 - Some indefinite success/failure criteria.	3 - Not always clear.	4 - Well-defined acceptance criteria.	4 - Clear criteria but missing minor aspects.	5 - Fully detailed criteria.
Q3. Missing essential details	3 - Lacks some critical requirements.	3 - Some missing key aspects.	4 - Well-covered requirements.	3 - Occasionally lacks specifics.	5 - All critical details are present.
Q4. Well-defined test scenarios	3 - Not all test cases are covered.	3 - Lacks depth in testing.	4 - Most test cases are well-structured.	3 - Some test cases are not fully developed.	5 - Fully defined test cases.
Q5. Ease of breaking into sub-tasks	3 - Hard to break some stories.	3 - Too broad in some areas.	4 - Well-structured sub-tasks.	4 - Mostly well-defined.	5 - Fully modular.

Technical Aspects (T)

RUST Questions	LLM1 (Deepseek)	LLM2 (Mistral)	LLM3 (Llama)	LLM4 (Gemini)	Manually Developed
Q1. Test cases handling technical needs	3 - Some missing technical edge cases.	2 - Weak test case handling.	4 - Well-thought-out technical aspects.	3 - Lacks some robustness.	5 - Fully developed.
Q2. Compliance	3 - Follows	2 - Not very	4 - Follows best	3 - Needs	5 - Fully

with best practices	some best practices.	structured.	practices.	slight improvements.	compliant.
Q3. Technical details & insights	3 - Lacks deep technical insights.	2 - Too generic.	4 - Provides useful insights.	3 - Slightly shallow in details.	5 - Fully technical.
Q4. Clear technical requirements	3 - Some indefinite technical details.	2 - Not very detailed.	4 - Good clarity.	3 - Needs refinement.	5 - Fully defined.
Q5. Ambiguities/incon sistencies	3 - Some minor inconsistencies.	3 - Some details conflict..	4 - Mostly consistent.	3 - Some ambiguity present.	5 - No inconsistencies.

Final Rating:

Model	Readable (R)	Understandable (U)	Specificity (S)	Technical Aspect (T)	Final rating
Deepseek (LLM1)	3.8	3.8	3.2	3.0	3.45
Mistral(LLM2)	3.0	3.2	3.0	2.4	2.9
Llama(LLM3)	4.6	4.8	4.2	4.0	4.4
Gemini(LLM4)	4.0	4.0	3.8	3.2	3.75
Manually Developed	5.0	5.0	5.0	5.0	5.0