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Step 1

Understand the Problem and Write Down Preliminary Insights

List these challenges and try grouping them based on your creative opinions based on specific criteria.

Lack of accurate data

Original documents for buildings, such as engineering models, may be missing or inaccurate due to war

Hidden or invisible damage, such as erosion of the foundations or internal structure of the building as a result of bombing or explosions.

If the building is left without maintenance for a long period after the war, neglect can lead to increased structural damage.

The presence of hazardous or radioactive materials may hinder the assessment and further complicate the restoration process.

Determine the budget for reconstruction.

Examine whether restructuring will be more expensive or more effective than rebuilding the building from scratch.

Determine the extent of the war's impact on the surrounding area, such as contamination or destruction of local infrastructure (roads, public networks).

Examine the integrity of the building's basic structure (foundations, columns, roofs).

Evaluate cracks in walls and curved surfaces (these cracks may be an indication of structural weakness).

Personal biases of assessors influenced by experience, or emotional stress.

Lack of standardized protocols for assessments in post-war contexts.