Naming

Summary:
In Frappe, every DocType has a primary key called "name," which serves as its unique identifier. This name is crucial for finding and manipulating records using the ORM. The framework offers multiple ways to configure how documents should be named when they are created.

Key Insights:

1. **DocType Autoname**:
   - **Field-Based Naming**: The document name is derived from the value of a specified field.
   - **Series Naming**: Allows for an auto-incrementing naming pattern. For instance, "PRE.#####" would result in names like "PRE00001", "PRE00002", etc.
   - **Naming Series Field**: The naming pattern is fetched from a field in the document, allowing for dynamic naming patterns.
   - **Prompt**: Requires manual input for the name.
   - **Format**: Offers flexibility in naming schemes by evaluating keywords within curly braces. For example, "EXAMPLE-{MM}-test-{fieldname1}-{fieldname2}-{#####}" would produce names like "EXAMPLE-02-test-value1-value2-00001".

2. **By Controller Method**: Names can be programmatically defined using an "autoname" method in the controller class.

3. **Document Naming Rule**: Allows for the creation of multiple naming rules for a specific DocType. These rules can be applied based on filters, and they define:
   - The DocType they apply to.
   - The priority of the rule.
   - Conditions for the rule's application.
   - Numbering prefixes based on defined conditions.

4. **Priority of Naming**: The naming priority is determined in the following order:

   1. Document Naming Rule
   2. `autoname` controller method.
   3. `autoname` DocType property

1. **Special Rules**:
   - Child DocTypes don't adhere to naming rules.
   - Amended documents have a suffix (like -1, -2) added to the original document's name.