# Meeting Summary

## 00:01 - 06:22

**1. Topic / Feature Discussed** - Dashboard for Tunai (Cash) - Data sources: BKP (Urus Niaga Header), AA BSet (Urus Niaga Detail), BSet App (Urus Niaga Tunai) - Mapping of data between BSet and BSet App to identify tunai transactions. - Initial dashboard displaying tunai transactions by lebah (Liability, Equity, Belanja, Aset, Hasil), debit/credit, and month.

**2. Client Requirements** - Show tunai transactions, but not necessarily liability, equity. Show Amanah and Wang Tunai instead. The previous lebah should be removed.

**3. To-Do List / Action Items** - Share PRS (project request specification) number. (Speaker B)

**4. Clarifications & Key Assumptions** - The content of BIS (Business Intelligence System) requirements are similar to tunai requirements but the data will be different. - The dashboard currently uses only 3 months of 2024 data for faster development but will eventually use all 11 months of 2024 data. - Unique key (concat 50) is a combination of document number, com, and date, used to match BSet data with SG tag in BSet App to identify tunai transactions. - Kaedah (method) used for data matching should ensure no tunai transactions are missed.

## 08:01 - 13:34

**1. Topic / Feature Discussed** - Data Integrity of Tunai Dashboard - Use of Liability/Equity labels, Data accuracy and sources - Data Filtering and Drill-Down Capabilities - Proposed Dashboard Displaying Tunai Data - Duplicating Analysis from Dr. Daniel

**2. Client Requirements** - Verify data integrity, aim for at least 70-80% accuracy. - Need to cross-reference data with “nyata” (actuals). - Ensure all tunai transactions are accounted for, including those not mapped to “akuan” (account). - Current dashboard uses data from “akuan” which is less accurate for tunai purposes. - Implement “right join” to include all tunai transactions, regardless of mapping. - Provide filtering options by kementerian, pengawal, bendahara, jabatan pertahanan, and PJP. - Display tunai data divided into Hasil, Wang Tunai, Belanja Mengurus, Belanja Pembangunan, and Amanah. - Duplicate the same 5 asas that Dr. Daniel uses

**3. To-Do List / Action Items** - Implement “right join” in the ETL process. (Speaker A / Team) - Research and implement a drop-down watch (date range picker). (Speaker A / Team)

**4. Clarifications & Key Assumptions** - Current data integrity is insufficient for auditing purposes. - Need to identify transactions in “akuan” that are not mapped to “tunai”. - Expectation for the ability to create comparison by year - Expectation for the ability to extract monthly data

## 14:18 - 28:53

**1. Topic / Feature Discussed** - Dashboard Usage and Purpose (Materiality, Performance) - Data Granularity and Filtering (Monthly, Account Level) - Data Accuracy and Reconciliation (Credit/Debit, “Net” Value) - Different Dashboards for Interim and Muktamar Audits - Drill-Down Functionality to Transaction Level - Data Presentation Issues (Object as, Column Names) - Presentation of different values according to each lebah - Guideline based on Dr. Janam’s slide

**2. Client Requirements** - The purpose of the dashboard is to highlight materiality and data performance. - Data should be available monthly. - Dashboards will need interim and muktamar (annual) displays, interim displays need to show monthly comparisons. - Need drill-down capabilities to the account level and eventually transaction details. - Should display “net” value (debit tolak credit) to reconcile accounting.

**3. To-Do List / Action Items** - Implement drill-down functionality from dashboard to transaction details. (Speaker A / Team) - Separate data to be presented according to results, tunai, and belanja. - Provide Dr. Janam’s slide to the vendor to use it as a guideline. (Auditor) - Include item-item berkaitan from the slides to the dahsboard

**4. Clarifications & Key Assumptions** - The current dashboard values reflect “credit” only, and do not net out debits/credits. A column should be created (debit tolak credit). - It’s currently impossible to drill down to transaction details. - Current data presentation mixes “belanja” (expense) and “amanah” (trust) using the “objec sebagai” column. Each type of lebah should have different characteristics, for example with “jenis akaun”. - Each lebah should have it’s own table

## 32:00 - 43:47

**1. Topic / Feature Discussed** - Using Dr. Janam’s slide as reference - Tunai Data Validation against Actuals - Data source of memorandum values and manual data inputs

**2. Client Requirements** - Recreate the kedudukan framework presented on Dr. Janam’s slide - Check that Wang Tunai, Pelaburan Wang Awam has accurate data - Validate Tunai data against real-world accounting (December figure) - Need to understand what can be retrieved from accrual data - Be able to drill down to detail transaksi - Have accurate data

**3. To-Do List / Action Items** - Provide Dr. Janam’s slide to team. (Auditor) - Auditor will provide trial balance to validate Tunai with reconciliation to perbelanjaan T and imbangan duga (from SAP). (Speaker B) - Try to determine if transactions can be extracted from accrual data for the memorandum balance

**4. Clarifications & Key Assumptions** - The current lebah value of the current dashboard is what is recorded within the akuan. - Manual Accrual is currently generated and cannot be completely traced from the system. - Some transactions in account are identified with memorandum. - The team wants a way to reconcile tunai and memorandum data against accrual. - Should tunai + memorandum = accrual

## 48:01 - 57:36

**1. Topic / Feature Discussed** - Validating data from memorandum and identifying sources - The reliability of GFMS data - Concerns from auditors

**2. Client Requirements** - To check if accrual sources are validated from different systems - A listing of data for GFMS and the account code to support each senarai - Verify that GFMS data is the same as in akuan so the team is confident to work on this source - Check a test item if accrual and memorandum have the same figure

**3. To-Do List / Action Items** - The auditors will try to pull transactions from accrual to check if it can be used to generate the memorandum balance

**4. Clarifications & Key Assumptions** - Transactions on memorandum will be extracted from accrual - To match baki hutang in accrual as a reference for liabiliti memorandum - Total Liabiliti in akuan can represent a value for liabiliti memorandum - Concerns that the team’s kekangan is that only 10 system can be accessed but there are many more other than GF Mass - It is not enough to run AI and show differences between data. The basic cash flow and figures have to be correct

## 57:36 - 67:15

**1. Topic / Feature Discussed** - Cashflow, Data accuracy, Data Validation against Actuals - Addressing Concerns with Item Selection - Agreement to simplify the development process by focusing on a Single Item

**2. Client Requirements** - Can the AI determine if the current system risks data pemulihan - Address concerns that some sources are still not being derived correctly - Address concerns from an upset customer when the data is incorrect - The team must make sure their cash data is correct to address auditor’s concerns - Develop like how Dr. Janam’s slide are presented - Make the development process with 1 lebah

**3. To-Do List / Action Items** - Implement drill-down functionality from dashboard to transaction details. (Speaker A / Team) - Make sure all calculations are with item perbeza but include details that show kredit, tolak, and debit - Choose a lebah for the team to work on - Work on the easy to implement and extract results lebah - Demonstrate that results, if a value is picked, a page with the detail will appear

**4. Clarifications & Key Assumptions** - Concerns about the accuracy of data if it only reflects three months - It must be understood that 13 and 14 are not loaded on to the system - Data load and transformation will take time since data is big