# Meeting Summary

### 00:11 - 00:31 - Visa Application Scoring  
  
\*\*Client Requirements:\*\*  
 - If a person has previously applied for a visa, the system should use the old score for faster processing, assuming no data changes.  
 - Response Time: Expectation of 10 seconds for scoring.  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - The 10-second scoring expectation only applies when using existing data (i.e., when the person has previously applied for a visa).  
 - A channel exists to identify prior visa applications.  
  
### 00:32 - 01:51 - Unique ID & Biometrics  
  
\*\*Client Requirements:\*\*  
 - A solution is needed for scoring when a person requires a visa but doesn't have biometric data available.  
 - Scoring cannot be done by default unless complete, up-to-date biometric data is present.  
 - If temporary unique IDs are usable, scoring can happen without permanent biometric data.  
 - SCC (Specific Client Contact) needs to confirm the process for using temporary unique IDs.  
 - There needs to be a clearly documented process for how temporary unique IDs get converted into permanent IDs when biometrics become available.  
  
\*\*To-Do List / Action Items:\*\*  
 - Confirm with SCC whether temporary unique IDs can be used for scoring purposes.  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - If a temporary unique ID is provided, the system is capable of performing scoring.  
 - SCC approval is required to move forward with temporary unique IDs.  
 - The current system provides a mechanism for temporary unique IDs.  
 - The process for turning temporary IDs to permanent ones is not defined and needs to be resolved.  
  
### 01:51 - 02:17 - Biometrics Availability (International Visa Applications)  
  
\*\*Client Requirements:\*\*  
 - The scoring process should be compatible with varying biometric data availability for international visa applications (some have it, some don't).  
 - Biometrics for SE Asian visa applications are coming in the future.  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Not all international visa applications include biometrics at the time of application.  
 - Biometric requirements are evolving and will eventually be mandatory for SE Asian visas.  
  
### 02:18 - 02:34 - Unique ID for Non-Citizens  
  
\*\*Client Requirements:\*\*  
 - The system needs to generate or create unique IDs for non-citizens.  
  
\*\*To-Do List / Action Items:\*\*  
 - Decide when to generate the unique ID (before visa application from outside the country, or only after arrival in Malaysia).  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Digital IDs or biometric IDs will not be used for non-citizens.  
 - It is necessary to determine \*when\* in the process (pre-visa, post-arrival) the non-citizen unique ID should be generated.  
  
### 02:34 - 03:06 - Mobile App Integration for Unique ID Creation  
  
\*\*Client Requirements:\*\*  
 - The mobile app should allow for minimum facial and fingerprint capture to create user IDs.  
 - Explore making this mobile app functionality a requirement before applying for a visa.  
  
\*\*To-Do List / Action Items:\*\*  
 - Further discussion needed regarding requiring the use of the mobile app for unique ID generation before visa application.  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - It's possible to enforce the mobile app as a pre-requisite for visa application by making it a requirement.  
  
### 03:16 - 03:43 - Visa Requirements for Foreign Workers  
  
\*\*Client Requirements:\*\*  
 - Visas are required to be submitted when someone applies  
 - Visas for foreign workers are handled internally (within Malaysia).  
 - Foreign workers must go to the Malaysian embassy to obtain a visa after approval.  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - The visa application process requires applicants to have a passport.  
 - The visa is issued after some sort of verification process.  
 - The process for foreign worker visas starts with the employer in Malaysia.  
  
### 03:43 - 04:59 - Unique ID for Foreign Workers & FMS Integration  
  
\*\*Client Requirements:\*\*  
 - There is a need to collect the unique ID for foreign workers applying through employers.  
 - FMS (Foreign Worker Management System) collects biometrics.  
  
\*\*To-Do List / Action Items:\*\*  
 - Ascertain whether FMS collects biometrics \*before\* arrival or only \*upon\* arrival in Malaysia.  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - It's unclear if FMS biometrics collection happens at registration in the origin country or upon arrival.  
 - It's assumed that biometric registration occurs at kiosks upon arrival in Malaysia.  
 - "Bio medical" data collection is different from immigration biometrics, more related to Ministry of Health.  
  
### 04:59 - 05:21 - Mobile App & Foreign Workers  
  
\*\*Client Requirements:\*\*  
 - Use of the mobile app is enforced for foreign workers.  
 - Before entering the country, workers should register via the mobile app.  
 - This registration should happen before entering the country, maybe three days prior.  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - The mobile app code should be used by employers to apply for visa approvals.  
 - Foreign workers must download and complete the mobile app registration process.  
  
### 05:21 - 06:25 - Passport Data Capture via Mobile App  
  
\*\*Client Requirements:\*\*  
 - The mobile app should be able to read passport data, ideally using NFC (Near Field Communication) or MRZ (Machine Readable Zone) scanning.  
 - The app should be able to capture the user's photo from the passport.  
  
\*\*To-Do List / Action Items:\*\*  
 - Verify mobile app NFC capabilities.  
 - Check with EKYC (Electronic Know Your Customer) about requirements of OCR (Optical Character Recognition)  
 - Determine if NFC is a requirement  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Most passports are active and standard (details unspecified).  
 - Place of birth is available through NFC but not MRZ.  
 - Data entry can be streamlined if the app can read passport chip data (via NFC), pre-filling fields in the app.  
 - If NFC isn't available, MRZ scanning will be used.  
 - If neither are available, manual ID input will be required.  
 - OCR might be used to convert the image data from the face of the passport into usable data.  
  
### 07:31 - 08:44 - OCR, MRZ, and Data Collection  
  
\*\*Client Requirements:\*\*  
 - Confirm whether EDS (External Data Source) is compatible with obtaining data to fill in missing gaps.  
 - Use OCR if NFC is unavailable  
 - Data needs to be collected and added into the appropriate tables  
  
\*\*To-Do List / Action Items:\*\*  
 - Contact the EDS team and get an explanation of how the system is compatible with external data  
 - Simulate use cases and work with use case to better flesh out compatibility concerns  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - OCR can be used if data is missing.  
 - Need to ask the EDS team if place of birth can be obtained with the current system  
 - MRZ will need OCR conversion  
 - Confirm if passports can be read on the fifth month  
 - OCR data is separate and has a difference  
  
### 08:44 - 09:37 - Passport Features and Usability  
  
\*\*Client Requirements:\*\*  
 - Need to obtain passport usability on the fifth month  
  
\*\*To-Do List / Action Items:\*\*  
 - Confirm the passport usability with features being implemented by the fifth month  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Usability is a concern.  
 - Need to make sure there is a one-to-one verification process.  
  
### 09:38 - 10:28 - Fingerprint Capture and Biometrics  
  
\*\*Client Requirements:\*\*  
 - Need the ability to do finger print verification  
  
\*\*To-Do List / Action Items:\*\*  
 - Determine finger print viability  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - There is a lack of knowledge of the current viability of finger print recognition  
 - Need to zoom in if there isn't a clear picture.  
  
### 10:28 - 11:29 - Visa Unique ID requirements  
  
\*\*Client Requirements:\*\*  
 - Minimum is two types of information, the face and finger print  
  
\*\*To-Do List / Action Items:\*\*  
 - Contact 115 regarding the technology used  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - 115 is using different services  
 - Need to find out if technology to scan the finger print exists  
  
### 11:30 - 11:43 - Passport Use and Digital ID  
  
\*\*Client Requirements:\*\*  
 - Need to be able to obtain passport data through KYC quickly.  
  
\*\*To-Do List / Action Items:\*\*  
 - Verify if can obtain place of birth from a chip in the passport.  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Can read passport data easily if NFC is used.  
  
### 15:00 - 16:23 - NFC Use and Device Compatibility  
  
\*\*Client Requirements:\*\*  
 - Need to make sure the device has microphone capacity to read the chip in the passport.  
  
\*\*To-Do List / Action Items:\*\*  
 - Freeze the use of the kiosk, confirm compatibility.  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - The kios is palm and fingerprint.  
  
### 16:23 - 17:51 - Data Verification of Individuals and Authentication  
  
\*\*Client Requirements:\*\*  
 - The passion has to be verified.  
  
\*\*To-Do List / Action Items:\*\*  
 - Confirm functionality of passion.  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - There are concerns of passion being not enough verification  
 - Digital ID must be face-to-face to confirm  
  
### 17:51 - 18:29 - PNR, Mobile Apps, and Risk  
  
\*\*Client Requirements:\*\*  
 - Data from the app is used to compare to DPS to determine a unit ID  
 - All the data is then flagged for action  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Need the ability to use the API  
 - Mobile app helps identify who is who  
  
### 18:29 - 18:52 - Mapping Information and Identification  
  
\*\*Client Requirements:\*\*  
 - Need to map the information properly  
 - Verify profiles  
 - Be able to declare new passport info  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Users need to update profiles when they get a new passport.  
  
### 22:31 - 23:49 - Temporal ID and Passport Updates  
   
\*\*Client Requirements:\*\*  
 - Implement a mechanism to declare and update passport information within the mobile app.  
 - Include questions in the visa application and NDC about prior passport usage.  
  
\*\*To-Do List/Action Items:\*\*  
 - Ensure questions about previous passport usage are integrated into the visa application process.  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Users should declare any previous passport numbers used.  
 - Data validation and cross-referencing are needed to link user identities across passport changes.  
  
### 23:55 - 25:55 - Unique ID Generation & Human-Readable Elements  
  
\*\*Client Requirements:\*\*  
 - Need to generate a unique ID that can be reliably used.  
 - Unique ID should be human-readable or at least contain human-relatable components.  
 - Combination of data is wanted to register  
  
\*\*To-Do List/Action Items:\*\*  
 - Research combinations of information that can be implemented.  
 - Research similar implementations in different countries (Singapore as a reference).  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - A QR code would be used  
 - Need to determine what information should be captured to implement this process.  
 - The system must be capable of generating unique IDs.  
  
### 25:55 - 27:34 - Unique ID & Alignment to Requirements  
  
\*\*Client Requirements:\*\*  
 - The data should be the data of a current foreign citizen.  
  
\*\*To-Do List/Action Items:\*\*  
 - Align with ACC for buan  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - NAS 1.0 will be taken and converted to 2.0  
  
### 27:34 - 30:00 - User Group Management & Access Control  
  
\*\*Client Requirements:\*\*  
 - Should be able to create new user groups.  
 - Should be able to assign user to group.  
 - Should be able to determine access rights to a group.  
 - Should be able to remove a user group.  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - User group is a naming convention  
  
### 30:01 - 31:27 - IDM Integration and Role Assignment  
  
\*\*Client Requirements:\*\*  
 - NICE should be settled before registering with IDM.  
 - The system uses a nine-character alphanumeric ID.  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Staff are registered with NICE, then registered with IDM.  
 - IDM will grant a general role.  
 - Exact role assignment occurs within the RE (Risk Engine) system.  
 - The requirements are similar to DAPI (Data Analytics Platform Initiative).  
 - System will not use Single Sign On (SSO)  
  
### 31:27 - 32:53 - Centralized vs. Decentralized Role Assignment  
  
\*\*Client Requirements:\*\*  
 - Determine if role assignment is centralized or decentralized.  
  
\*\*To-Do List / Action Items:\*\*  
 - The Administrator ID must be approved before assigning, the admin must assess that applied and must approve access.  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Staff are registered in NICE.  
 - The IT administrator decides if BOC (Border Operations Center) gets to assign roles.  
  
### 32:53 - 34:24 - IDM Retirement and Access Control Layers  
  
\*\*Client Requirements:\*\*  
 - Must control the access points for who can access.  
 - IDM should be separate from the requirements.  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - There has to be two-layer access.  
 - IDM has the power to give power, that needs to be verified in the first access.  
  
### 34:24 - 35:56 - Super Admin and Permissions  
  
\*\*Client Requirements:\*\*  
 - Super Admin should be one person and not be multiple.  
 - A decision will be made after someone is employed by an admin.  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - IDM is separate, need to maintain security.  
 - There is a specific code and set up for those people who need more access.  
 - Administrator access workload could potentially be very high.  
  
### 37:33 - 38:00 - Administrator Access and Workload  
-Discuss Administrator access and workload and how to approach potential high volume from that access.  
  
\*\*Client Requirements:\*\*  
 - Administrator should only have to access one system  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Intel has its own database  
  
### 38:01 - 39:53 - Management Data  
-Confirm all management data  
  
\*\*Client Requirements:\*\*  
 - Eagle A should be a model in the same database  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Access level is what is being discussed in terms of management of the data  
  
### 39:53 - 40:54 - Integration Access  
-Integration Access and security  
  
\*\*Client Requirements:\*\*  
 - Easy access to data and data management  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Easy access for data integration  
 - Two parts need to be discussed, what has been done and what has not.  
  
### 40:54 - 42:55 - ID Management & Security  
-IT security and management  
  
\*\*Client Requirements:\*\*  
 - The IT security needs to be updated  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Every role is in charge of their security  
 - Need an approval for specific access  
  
### 45:03 - 46:28 - Overview  
- Discuss the overview of the project  
  
\*\*Client Requirements:\*\*  
 - Discuss the high-level requirements  
 - Talk through strategy  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Talk through KPI's and KSU  
  
### 46:28 - 47:54 - Documentation  
- Create Documentation  
  
\*\*Client Requirements:\*\*  
 - Create documentation and steps  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Need to know how to start  
  
### 47:54 - 48:55 - Proposal  
- Create Proposal  
  
\*\*Client Requirements:\*\*  
 - Create request for proposal  
 - Create documentation for strategy  
  
\*\*To-Do List / Action Items:\*\*  
 - Request proposal  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - lic is still there with CCTV, etc.  
  
### 48:55 - 50:37 - Team  
- Organize the Team  
  
\*\*Client Requirements:\*\*  
 - Need to make a team  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Start over for the team.  
  
### 50:37 - 51:22 - The Dual System  
-Implement a dual system  
  
\*\*Client Requirements:\*\*  
 - Have a new system set up  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - The new system is to be implemented.  
  
### 52:30 - 52:58 - Organization  
-Improve the organization  
  
\*\*Client Requirements:\*\*  
 - Add the ability to add a layer to organization  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Not clear what the ID is  
  
### 52:58 - 54:16 - Risk  
-Confirm assessment process of risk.  
  
\*\*Client Requirements:\*\*  
 - Confirm from business what they need the business rule.  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - The process is from the NACC  
  
### 54:16 - 56:32 - Manual Process  
-Discuss the manual process  
  
\*\*Client Requirements:\*\*  
 - After people are caught, they need to be reviewed and checked.  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Paperwork is done in place.  
  
### 56:36 - 57:17 - Modules  
-Determine how to add to modules.  
  
\*\*Client Requirements:\*\*  
 - Should be able to add process to modules  
  
\*\*To-Do List / Action Items:\*\*  
 -Confirm if the business rules will be in ADM  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - No commitment will be made until the information is verified.  
  
### 57:17 - 58:41 - Columns  
  
\*\*Client Requirements:\*\*  
 - Add columns to the modules to make sure data gets to the tables  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - All the columns have to be connected so the data runs the same.  
### 58:41 - 60:31 - Develop and Modify  
  
\*\*Client Requirements:\*\*  
 - When business rules are modified a testing environment needs to be created.  
  
\*\*To-Do List / Action Items:\*\*  
 - Make remarks and verify everything  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Data effectiveness and testing are important.  
  
### 60:31 - 62:23 - Team and Model  
  
\*\*Client Requirements:\*\*  
 - There should be a process for model management.  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - There should be a streamline management process with data and analysis  
  
### 62:23 - 63:38 - Configuration Score  
  
\*\*Client Requirements:\*\*  
 - The data needs to be scored  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Three things need to happen, first you have the rule, second you have the model.  
  
### 63:38 - 64:44 - Configuration Cont.  
  
\*\*Client Requirements:\*\*  
 - There should be multiple requirements for each person  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - There needs to be requirements for the model.  
  
### 64:44 - 65:34 - Business Rule  
- Business rule  
  
\*\*Client Requirements:\*\*  
 - Need to add that person of action should only enter into the account  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Real time for the people who enter  
  
### 65:35 - 68:07 - Eagle Eye and Addition  
-Add new Eagle Eye  
  
\*\*Client Requirements:\*\*  
 - Add AI assistance to the system  
- N/A  
  
\*\*To-Do List / Action Items:\*\*  
 - There should be an addition of AI help  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Al help searches documents  
  
### 68:07 - 70:32 - Eagle Eye, Risk Score, Pattern  
-Continue with the Eagle Eye and risk score  
  
\*\*Client Requirements:\*\*  
 - Run through and check scoring.  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Run through everything and the pattern that it will run through to generate the assessment.  
  
### 70:33 - 71:21 - Rule. Case and Association  
-Relate to rules, case, association.  
  
\*\*Client Requirements:\*\*  
 - Relate everything and identify the data.  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Figure out how to bring people to a common list  
  
### 71:21 - 73:44 - Tagging Information and Data  
- Tag and verify data.  
  
\*\*Client Requirements:\*\*  
 - Check and see the data of different associations  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Check which entity has an effect on the investigation.  
  
### 73:44 - 75:47 - Analysis of all Information  
-Analysis information.  
  
\*\*Client Requirements:\*\*  
 - Analyze how all the people know each other.  
  
\*\*To-Do List / Action Items:\*\*  
 - N/A  
  
\*\*Clarifications & Key Assumptions:\*\*  
 - Review how people are associated