| User Story ID | User Story Name | As a <type of user> | I want to <perform some task> | So that I can <achieve some goal> | Success Criteria |
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| 1 | New Family Tree Creation | Super admin | I want to create a new family tree | So that I can document my family history and share it with family members | Being able to create a new family - by entering it into the database and accessing it through the GUI |
| 2 | Assigning an Admin to an Existing family | Super admin | Assign an admin to my family tree | So that they can share the responsibility of approving new members within our tree | The admin is successfully assigned to a particular family, and has all necessary credentials/ permissions |
| 3 | Inviting My Family to Our Family Tree | Super admin or admin | Invite my family members to join our tree | So that they can view and contribute to our tree | The admin successfully sent out an email invitation to a new member. This email was received by the target prospective member. |
| 4 | Accepting an Invitation to a Family Tree | Potential member | Accept an invitation from my family tree’s admin to join our family tree | So I can sign up and access our family tree | The potential member was successfully forwarded to the signup page |
| 5 | Requesting to Join a Family Tree | Potential member | Request to join a particular family tree | So I can view and contribute to my family tree | Family tree admin is prompted with a join request |
| 6 | Approving a Request to Join a Family Tree | Super admin or admin | Approve requests from family members to join my family tree | So they can view and contribute to my family tree | A potential member’s request is successfully approved by the admin, adding them to the family tree. . |
| 7 | Denying a Request to Join a Family Tree | Super admin or admin | Deny request to join my family tree | So that only family members I want can view and contribute to our family tree. | A potential member’s request is denied by the admin, rejecting their request. |
| 8 | Blocking an Email Address from Requesting to Join a Family Tree | Super admin or admin | Block an email address from submitting requests to join a particular family tree | So that non-family members and bad actors would be successfully blocked from joining a family tree | A given email address is successfully added to a blocked list (existing in the database), and the email address cannot be used again to request to join. If this email address is used again, an alert is prompted. |
| 9 | Specify the Relationship of a New Member In My Family Tree | Super admin or admin | Specify where a new member belongs in my family tree | So that I can add them to the appropriate location within the tree | A new/existing member now has information in the “father”, “mother”, “spouse”, and “children” fields in the appropriate table, and can be shown correctly in the GUI |
| 10 | Update My Name | Member | Update my name for my record | So that I can contribute accurate information to the tree | The firstName, middleName and lastName fields in the database are updated, can be successfully queried |
| 11 | Adding a Profile Picture | Member | Add a profile picture to my the associate cloud storage and a pointer/link to the database | So family will recognize my record by face | The user’s row in the database successfully points to the correct cloud storage location, and the picture can be viewed by users with permissions to see it. |
| 12 | Adding My Family Members’ Information To My Record | Member | Enter information relating to each family member’s (parents, spouse, children) names into my record | So that I can accurately document my relationship to my family members. | the queried family member is highlighted (via the search), and is added to the user’s information |
| 13 | Changing An Email Address | Member | Change my email address | So that I will update my login information and other family members will have the information necessary to contact me by email. | The member can now use their new email address to log in, and users with permissions can see their new email address |
| 14 | Change Account Password | Member | Change family tree account password | So I could change my password if I’m concerned that it’s been shared or if I forgot my password. | The member’s password is updated, and can be used in a fresh log in. |
| 15 | Update A Temporary Password | Member | to be able to select my own password instead of the default password | So my password will be unique to me. | The member successfully logs in with their new password |
| 16 | Add Phone Number Personal Record | Member | Enter a phone number into my record | So that other family members can contact me by phone if they would like | Phone number field is correctly populated for the member in the database, passes an error check for the correct number of digits, and is viewable by other members of the family tree. |
| 17 | Add Address To Personal Record | Member | Add address | So that other family members have my address for mail, family gatherings, or emergencies. | Physical address is correctly populated for the member in the database, passes an error check for street, city, state, and zip code, and is viewable by other members of the family tree. |
| 18 | Update Personal Bio | Member | Add/update my bio on my record | To have a written description of myself and my relationship to our family | Bio field is updated in the database, and is viewable by other members of the Family tree. |
| 19 | Search for Immediate Family | Member | Find my immediate family | So I can look up their contact information | Immediate family members (mother, father, spouse, and children) are correctly queried and displayed. |
| 20 | Search for Extended Family | Member | Find my extended family and ancestors | So I can learn more about who I am related to. | Extended family members are correctly queried (by textbox/GUI) and displayed. |
| 21 | Search for Individual | Member | Search for a specific family member | So I can view their record and see their connections in the family tree | The individual is displayed correctly, allowing the searcher to notice if the target exists and, if it does, to identify their location in the family tree. |
| 22 | Assign Cloud Storage | Super admin / admin | Assign cloud storage to members | So they can add media to share with our family | Family member’s account includes 5 GBs of cloud storage. |
| 23 | Upload to cloud storage | Member | Upload media to my record | So I can create a record with photos, documents etc | An approved file (.img, .png, .mp4, .pdf, and .docx) is successfully uploaded to the user’s assigned storage. |
| 24 | Share Media through link | Member | Share my media with other family members through a sharable link | So other members can learn more about me through photos and documents. | Shared media is successfully accessed via shareable link by another Family member. Notification sent to the media owner. |
| 25 | Delete Media | Member | Delete my media | If I make a mistake or no longer want that media available to others | The media file has been successfully deleted. |
| 26 | Unshare Media | Member | Make my media unshareable | I am not ready to share with others yet but won’t want to delete | The media file is now unavailable to users other than the source and admins. |
| 27 | Admin update sharing | Admin | Modify sharing credentials for different media files | So the admin would be able to assist family members in correctly sharing their content | The file’s sharing option is successfully modified between share and unshare. |
| 28 | Update Database Directly | Database Administrator | Modify information in the database | So the DBA would be able to ensure data quality | The existing data in the database is modified in an expected behavior, per the DBA’s query. |
| 29 | Content Control | Super Admin | Define acceptable content in the app’s terms of service | To prevent “undesired” content (going against the App’s terms of service) | The application’s terms of service are successfully modified. This modification relates to acceptable content classes.  New and existing members are prompted to agree to the new terms of service. |
| 30 | Family-specific Content Control | Admin | Define acceptable family-specific “content classes” (family-friendly, violence, etc.) in a given family’s shared cloud / information | To prevent “undesired” content (the family’s requirements) in the shared cloud or in user information | A specific file is blocked for violating the family-specific content control rules. |
| 31 | Security-related Upload Filtering | Super Admin/ Admin | Restrict uploaded content to specific files (sizes, extensions, etc.) [no executables or uncompressed files] | To prevent viruses/malware or unnecessary memory bloat (at upload). | A specific file is blocked for violating the terms of the service of the app from a security standpoint. |
| 32 | Admin Removal of Media | Super Admin/ Admin | Delete existing content in a family’s shared cloud storage | To prevent viruses/malware or unnecessary memory bloat (ongoing) | The admin successfully removes a media file from a given user account. |
| 33 | Access Definition for a given Folder/File | Admin / Member | Determine what the other users can do with a particular shared folder or file | To prevent the removal/change of a user’s media | A member/admin successfully defines a folder or a file as read only/write for the rest of their family |