


BESTSECURE API SOLUTION

HELP MAKE SECURE SHARING EASIER

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BESTSECURE API SOLUTION


- ++ Leverage smartphone usage knowledge and existing phone capabilities
 - ++ Securely store personal health info locally on mobile device
 - ++ Consumer control secure sharing of personal scoped health info
 - ++ Mobile App verifies identity through facial recognition, voice recognition and PIN
 - ++ Mobile App verification 2nd steps through OAuth2, OpenID and UMA to exchange info through the web API Solution.
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COMPETITIVE ADVANTAGE

- ++ Low cost and low barrier to adaptation leveraging personal smartphone to run mobile software
- ++ Utilizes existing knowledge of using smart phones
- ++ Most costs are allocated to software development and support of use of solution and maintaining service
- ++ This model relies on independent architecture model where server is not reliant on anything nor is the smartphone software. (Swappable as technologies change).



USE CASE EXAMPLES

- ++ A young adult who have a general featured smart phone authenticates the mobile app and input sharing settings about personal health info
 - ++ Can permission secure sharing of personal health info in a scoped manner on the mobile app
 - ++ Share specific scoped health info with health professional at time of appointment
 - ++ Shared Info will be automatically deleted after certain preset time on the health professional's device.
 - ++ Server that facilitates this exchange does not persist any data on the server.
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WORKFLOW AND DELIVERABLES

++ Deliverables include mobile apps and their consumable server APIs

WORKFLOW

++ Workflow 1 – User sets appointment with health professional and sets permissioned to securely share scoped personal health info related to the visit

++ Workflow 2 – Communication with Server API facilitates credential authentication and communication with health professionals mobile device permissioned to receive the scoped health info

++ Workflow 3 – The consumed health data have limited time and will be deleted after the appointment automatically

++ Sharing of secure info where the owner of the info retain it locally on personal mobile device and share in a scoped manner that's only related to specifically needs for a particular need like a specialist.



PRIVACY AND HIPPA CONSIDERATIONS

- ++ Privacy and security of info is maintained locally on person's mobile device in an encrypted format accessible only through the Proposed solutions mobile app
 - ++ Interaction with other entities is facilitated in a secure manner with OAuth2, OpenID and UMA standards through the servers.
 - ++ The limited scoped health data is only viewable through the mobile app that will automatically delete the info after preset certain amount of time
 - ++ Servers that facilitate the secure communication among the mobile apps does not persist the info.
 - ++ Decryption by any other entity only occurs on the permissioned recipient's device running the mobile app.
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