

Objective

- Enhance the existing Android and iOS Applications for ASU Institute of Human Origins (IHO) to receive dynamic updates from a IHO server.
- Design a Desktop-based application for the IHO Admin to modify the dynamic contents on Mobile applications like News, Events, Lecturers and Gallery.
- Incorporate design & layout changes in the existing Mobile Apps as suggested by the Customer.
- Migrate Objective C code to Swift 3 for iOS app and upgrade Android API level to 23 (6.0 Marshmallow)

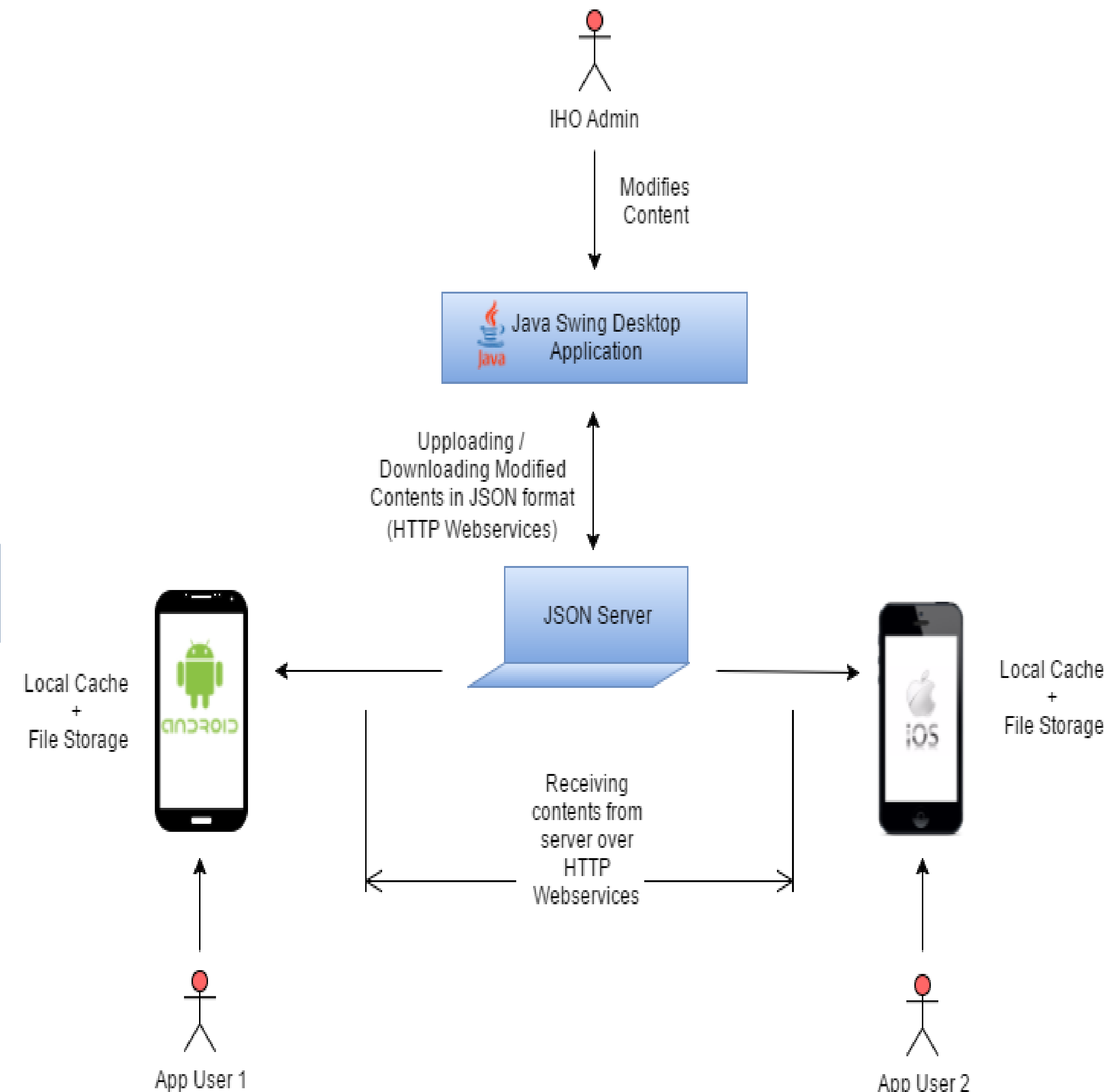
About the Department

- The Institute of Human Origins is one of the preeminent research organization in the world devoted to the science of human origins.
- IHO pursues an integrative Strategy for research and discovery central to its over 30-year-old founding mission, bridging social, earth, and life science approaches to the most important questions concerning the course, causes, and timing of events in the human career over deep time.
- The Institute of Human Origins is a research center of the College of Liberal Arts and Sciences in the School of Human Evolution and Social Change at Arizona State University.

Supported Versions and Devices

- Android: API Level 19 or above; Version 4.4 KitKat or above (On all screen sizes) - Target API: Version 6.0
- iOS: Version 8 or above (iPhone 5, 5s, 6, 6 Plus, 7, 7 Plus)
- Java Swing: Java 8 (Windows 7 & above)

Architecture



Tools and Technologies



Mobile Application Layout



Committee and Team Members

- IHO Coordinator: Julie Russ
- Faculty Advisors: Dr. Timothy Lindquist, Prof. Richard Whitehouse
- Development Team: Arpit Jaiswal (iOS) Gowtham Nayak (Swing), Mihir Bhatt (Android), Sentamil Sindhu (Swing), Sweta Singhal (iOS)