10: App registration: generate a UUID and save it in shared preferences.

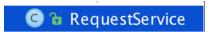
```
mRegistrationId = UUID.randomUUID();
preferences.edit().putString(register_id, mRegistrationId.toString());
```

10: ServiceHelper class used by UI to access Web services



10: RequestService (extending IntentService) for performing Web service requests onbackground thread (serializing service requests

through the service handler thread).



10: RequestProcessor provides business logic for Web service request processing.



15: RestMethod provides logic for performing HTTP requests (using code samples fromnotes).

## C a RestMethod

10: Sync operation should use streaming http: RestMethod operation returnsStreamingResponse (pair of HttpURLConnection and

## Response).

15: RequestProcessor implements sync protocol in the assignment spec: upload newoperations, download new operations (version

number greater than current versionnumber) from the service.

## public long perform(Synchronize request)

10: Use AlarmManager to schedule periodic synchronizations.

10: Json data is read using JsonReader, and written using JsonWriter.