

CS 522—Mobile Systems and Applications
Assignment Five—Content Providers—Rubric

Part 1: Book Store

10: .providers.BookProvider class

- 10: query, insert, delete implemented

90: BookStoreEntityManager:

- 15: AsyncContentResolver class complete
- 15: QueryBuilder uses LoaderManager
- 20: All access to database in activities is through BookManager
- **40: Functionality (with video demos)**
 - 10: Main activity displays books
 - 5: Main activity supports deletion of several books (via context action bar)
 - 5: activity to add book, inserts the book into the database
 - 20: exiting app and restarting shows shopping cart still available

Total: 100

Part 2: Chat App

30: Design

5: content provider (providers package), as before two tables (Messages and Peers)

10: manager class (managers package), no direct access by app to content resolver or loaders or loader manager

15: AsyncContentResolver, SimpleQueryBuilder, QueryBuilder

20: Functionality (video demonstration)

- 5: Client sent message is received at server
- 5: Server displays a list of messages received so far
- 10: Exiting app and restarting shows messages still available

Total: 50