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MOBILE APPLICATION

USE CASES FOR

Echo Mobile

Introduction

Echo Microburst Test is a combination of Upload and Download tests. It performs first Upload and then download test with a delay as configured.

To provide an understanding of the implementation and how it would be used, the team developed few use cases to define how the process would work.

Use Cases Survey

Customer Mobile application

No.	Use Case Name	Description	Benefits
1	Choose service with tab bar	• Cell Info • Test	There are 2 bar items. Click one of them could bring you the related page
2	Select a button in test page	• Call test • Send message test • EMB test(complete)	Straightforward
3	EMB Test with AT&T server	• Input the packet number, default is 10 • Input the packet size, default is 1024 • Tap the "Download Test" button to do the download test with the setting above • Tap the "Upload Test" button to do the upload test with the setting above View the test result in the text view box bellow, included speed	There is detailed process of the test listing in the view box. Users could know what happened during the whole test, including "udp or tcp", "connecting with port", what data was sent to server or received from server and so on.
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Suggestions or future uses (market trends, for both apps)

No.	Use Case Name	Description	Benefits
1	Upload Test worked another echo server	There is something wrong in the AT&T echo server: the server didn't return the upload speed of a client before it closed the control connection. If we created a server with appropriate echo methods we could do the test with it.	We will get the upload speed.
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