



UCL Department of Computer Science
CS M038/GZ06: Mobile and Cloud Computing
Spring 2013
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One-pager: JMB: Scaling Wireless Capacity with User Demands, Rahul *et al.*, 2012)
Due: Start of lecture, 15th March 2013

Instructions: *in your own words*, answer the following questions as *succinctly* as possible (in 200–500 words total, but shorter answers within this range are encouraged). Quoting figures or text from the assigned reading or from any other source is specifically prohibited.

In the authors' words, "JMB is designed for the downlink [access point to client] wireless channel." What would go wrong if we tried to implement JMB on the uplink (client to access point) wireless channel? Explain why, specifically making reference to Equation 2 in the paper.