Mobile Computing Environment with SORCER Surrogate Services Ravi-Kiran Malladi-Venkata

TASK DESCRIPTION	OBJECTIVE/APPROACH
Access Service Surrogate Provide Service Exported Service SORCER service	 Objective: 1. Access the SORCER.grid resources from a MC Files, databases – data services Business logic – method services 2. Provide MC services to the SORCER.grid Personal data: schedule, to do list, address book, notes Approach: Develop the framework with a generic gateway and a surrogate for service-oriented mobile computing
SCHEDULE	MISCELLANEOUS SUPPORTING DATA
Key development milestones for 2004:	Benefits:
Proposal Presentation 01/26 Deploy File Store Service 02/04	 A mobile limited device can access the vast grid resources by using gateways (a desktop does not make sense in your hand)
Develop Mobile Client GUI02/18Develop Gateway03/01	 Other services and other mobile clients can actively collaborate with a mobile limited devices that exports services to its surrogates
Develop surrogate04/15Case Study with Demo05/15	 A generic framework integrating MIDP devices with service-oriented providers
Thesis Defense by 06/01	4. Neutral data exchange format in XML