Not included Connection, Mobile Computing system ____ easily moved plagsically using its Computing Cababilites while Calculators, lepster, Hobile maving. PPA -> Personal digital assistants Mobile Computing system actors, Staionary Computing System [mobility includes] moving Between geographical locations applications networks 6 Advantages -> Small siZe, power source, mobility mobile Computing mobile user + mobile devices mobile Network + mobile app Dimension of tools that allow us to quality Mobility Our problem of building mobile Sw appliation, mobile Computed System are net Complety Some are limitations orthogonal with respect Hesh Connected to each other large varity of platforms · Active Behaviour 1 limited power supply . Multimodel location awarness and variant wireless Conectivity ULS limitted device Cababilities ALAVIB

Mobile or Staionary? Mobile Condition ______ Users

Governorm a typical, staionary Computing System 2 Finension of mobility -> capp Set of properties that distinguish mobile system from Staronay System * Conditions of mobile user Olocation awarners (Challenge, apportunity)

acquiring position into require Connectivity. a) localization ability I mobile app to accomodate logic work that allows the Selection of dilh bussiness logic, work Flow according to location into b) location Sensilivity abolity of Swapp to

Tool to take advantage I this to Cation alleving

Features Location awarness , wirless Communication system Frianguletion _ Droximity _ Scene Analysis

Quality of Service Qos "Communication quality" moving from one place to another, disconnect time network Connectivity 3 affect Pas Gmeetivity adapt their features Fun Honalthy limited device Storage and CPU Site / Portubility SiZe/Perlormance Small device > partability 1 performance]

physical limited power supply · platforms -> multithreading / multiprocessing ALADIA

User interlace
Staionary application have more ellicent UI than mobile
Platlerm prolifeRation VI Uml design , develop on delheut platlerns
Transactions
passive , Stajonary , created by user
Synchronus asynchronus System user Vespond
system user vespond
Archticture de Mabile Selfware app
Design Archicolal Cayle
Patter Bimension Manager Manag