



**Institut Agronomique et Vétérinaire
HASSAN II**

Filière de Formation en Topographie

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مسلك الطبوغرافيا

**MANAGEMENT OF AN URBAN
DEVELOPMENT MAP
DESIGN AND DEVELOPMENT
OF A GIS USER INTERFACE
TO SOLVE
TECHNICAL PROBLEMS**

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Contribution: Urban Agency of Settat

OBJECTIVES

- 1. Develop solutions to technical problems of managing and planning urban space as planned by the urban agency**
- 2. Elaborate a methodology of data preparation**
- 3. Design a conceptual data model of the components of the Urban development Map**
- 4. Develop a GIS user interface using Arcgis 8.1 for the handle the following tasks:**
 - Management of spatial & descriptive data of the urban development map**
 - Data updating, processing & analysis**
 - automatisisation of the Note of information**
 - Edititing most frequent spatial & non spatial requests of the Urban Agency**