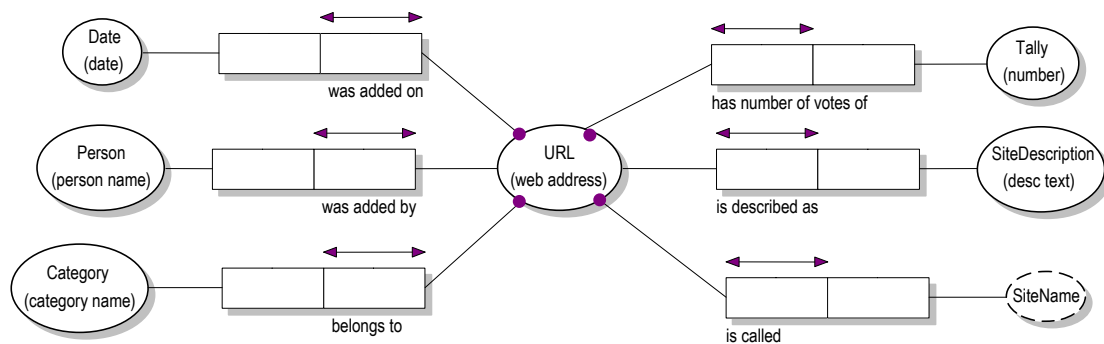# URL bank – IIS in Action
An exercise in PHP/MySQL and HCI

Brief: Provide a dynamic storage of Internet addresses (web page addresses), along with some 'meta' information (what the site is about, who added the link, when and whether someone voted for it or not) and an organisational category for the site based on topic.

It must be possible to browse, possibly alphabetically or by topic, edit entries and add more. It should be possible to add new categories and 'vote' for sites already entered.

Your mission, Jim, is to make this web-enabled and live.

Conceptually, the database could be defined as follows:

The Relational Schema for this becomes:

Column	Data Type	Ma/Op	Key	Notes
url	Char(200)	Ma	Pk	Page address
Sitename	Char(100)	Ma		Stated name of site
Dateadded	Date	Ma	Default=now()	When the entry occurred
Category	Char(50)	Ma	Default=unfiled	List of categorical 'buckets'
Person	Char(50)	Op		Who added it (name)
Dessie	Memo	Op		Tell us about it
Votes	Integer	Ma	Default=1	Vote if you like it