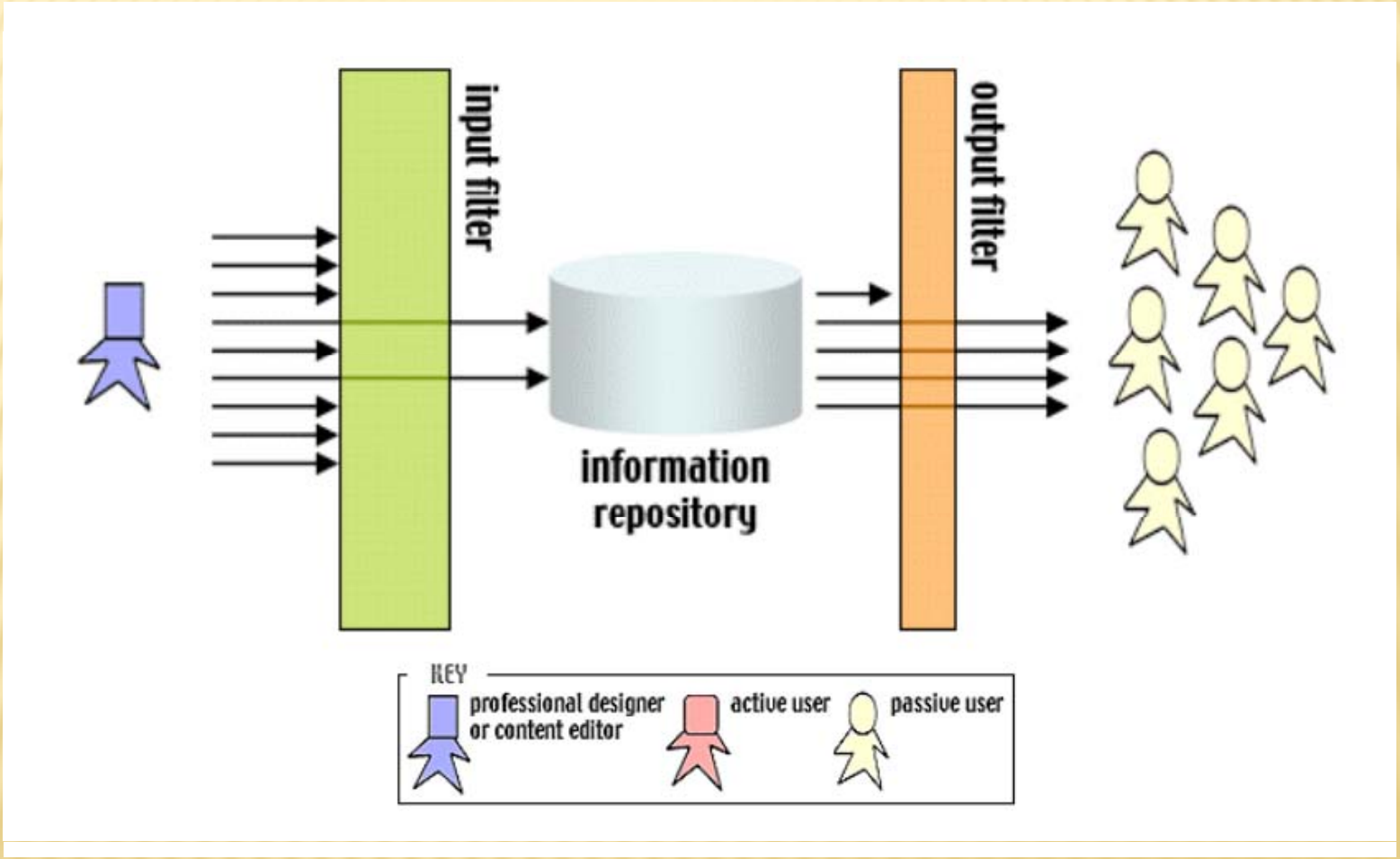
EXPLORING OUTPUT FILTER MECHANISM TO PROVIDE CONVENIENT AND TRUSTWORTHY SERVICE FOR GOOGLE 3D WAREHOUSE USERS.

Kyuhan Koh

PROFESSIONALLY DOMINATED CULTURES



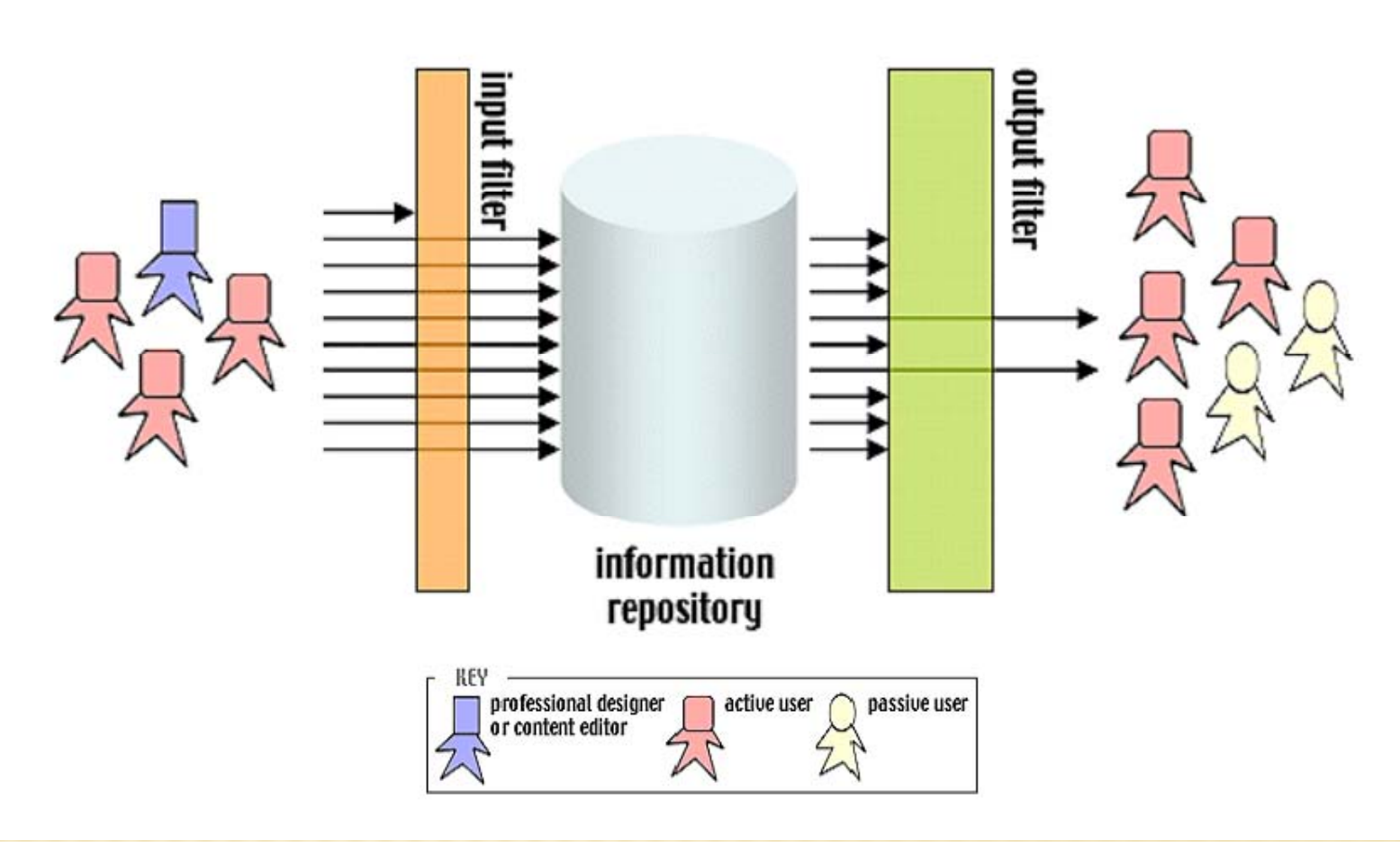
(Fischer, 2007)

DEMOCRATIZED DESIGN CULTURES

- Thanks to Web 2.0 and socio-technical environments
- New technologies, news, and new information

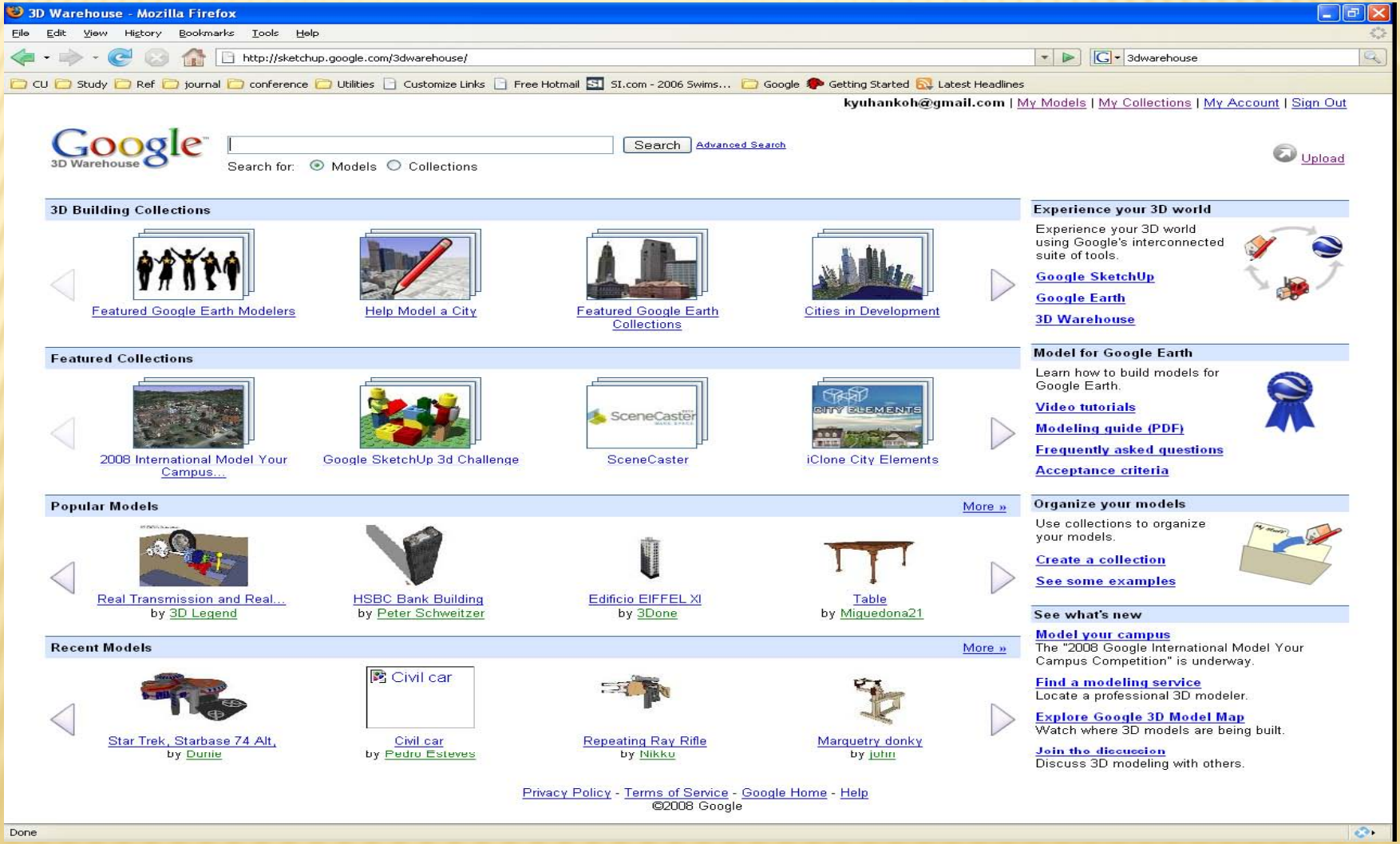
  (YouTube, Google Earth, Wikipedia etc)
- Easier and Faster than the traditional way we used to use
- Is it always better than the old ways?
- Due to the characteristics of open design system, it is not easy to build strong output filters as strong input filters in professionally dominated cultures.

DEMOCRATIZED DESIGN CULTURES

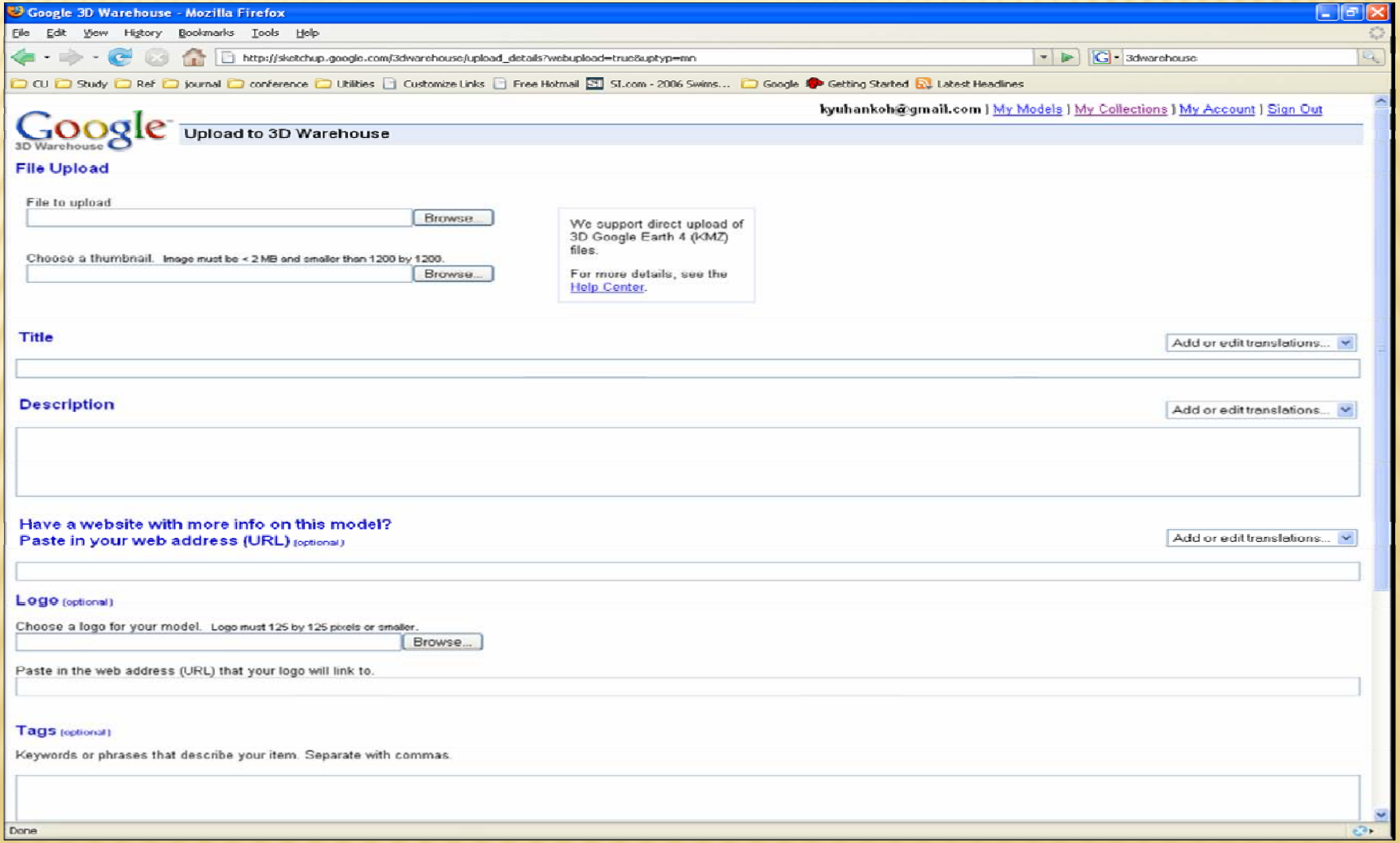


(Fischer, 2007)

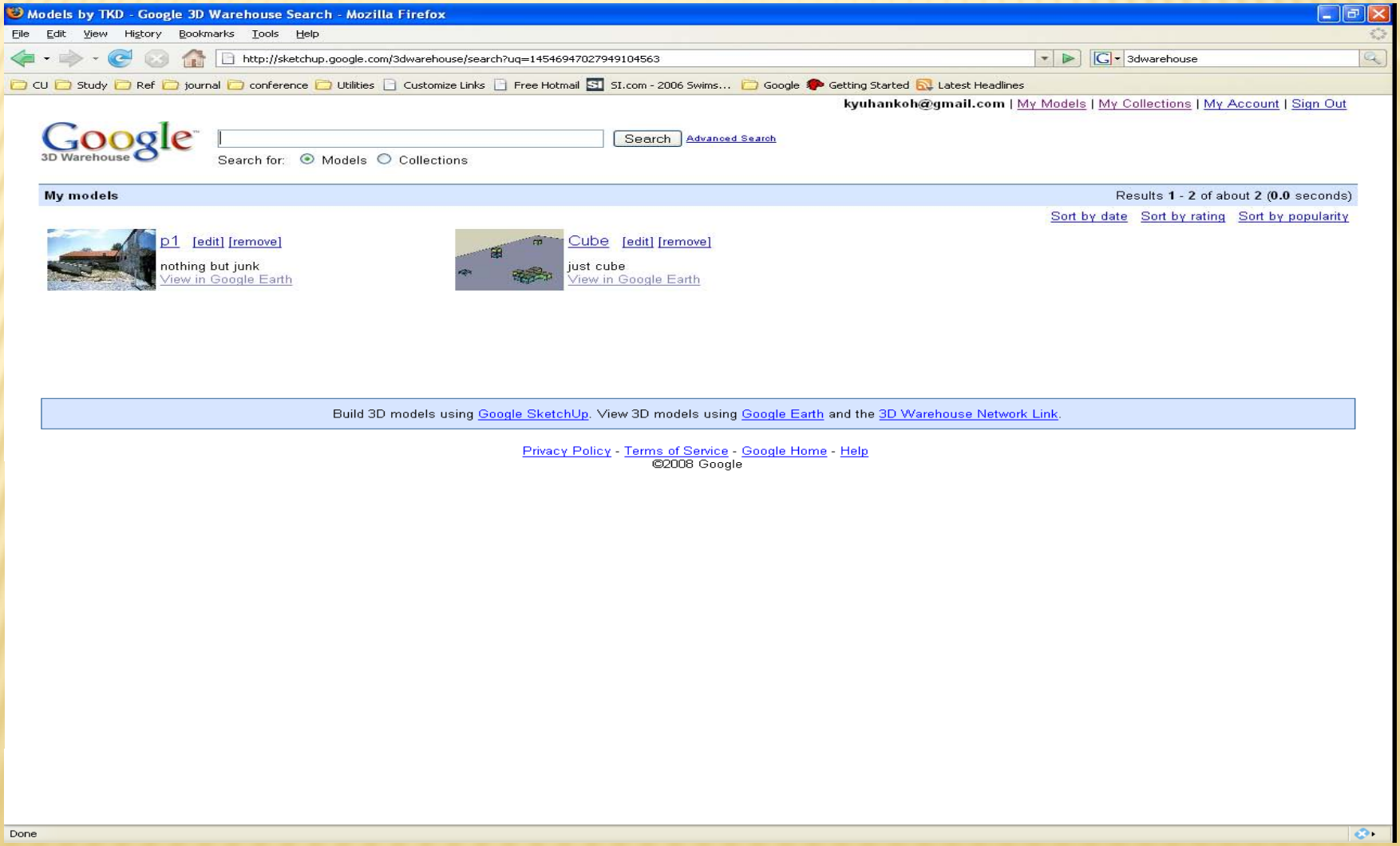
GOOGLE 3D WAREHOUSE



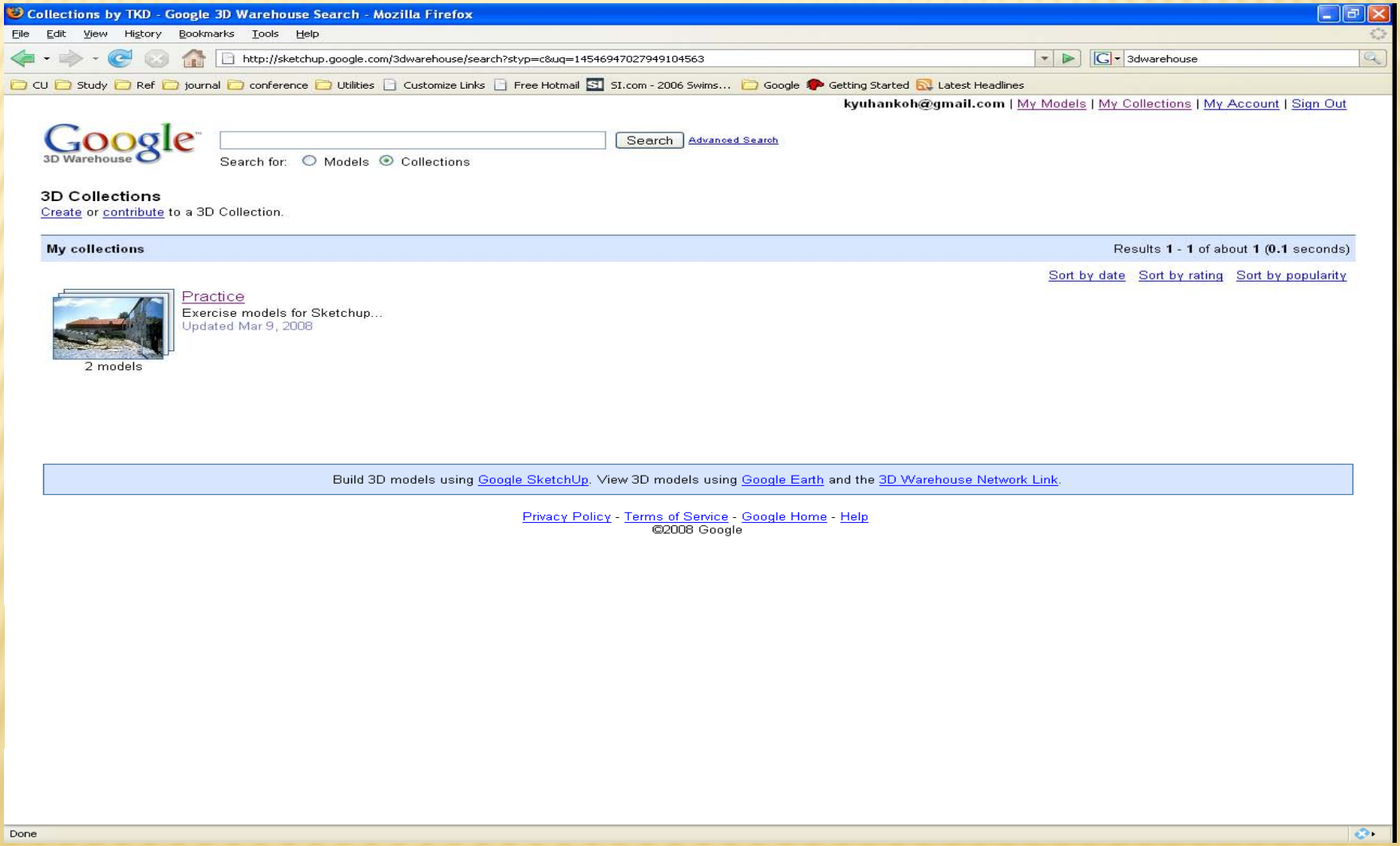
GOOGLE 3D WAREHOUSE



GOOGLE 3D WAREHOUSE



GOOGLE 3D WAREHOUSE



TRANSITION FROM 3D WAREHOUSE TO 3D ARCHITECTURE COMPANY

3D warehouse

- organized by user name, tagging, and rating

3D architecture company

- Division - Subdivision - Team
- (Castle - Asian Castle – Japanese Castle)
- - collection may be used for this division concept

3D ARCHITECTURE COMPANY

Architects

- All end users using Google 3D warehouse or sketchup are already employees

- Every user who visited to Google earth or 3D warehouse

Hierarchical system of employees from intern to head architect

- Promotion committee

- The rank of each employee will start from intern, and they would be promoted based on credits they received for the designs they uploaded to 3D warehouse.

3D ARCHITECTURE COMPANY

Organization

- One employee can belong to several different divisions at the same time. Also, it means that a head architect in landscape division could be an intern in ship design division

Division concept

- a role of tagging partially to support better organized interface
- tagging will remain for detail search.

Rating

- rates 3D design and individual end users

3D WAREHOUSE PROVIDES

In the main page of 3D warehouse

Four categories;

3D building collections

Recommended collections/Featured collections

Favorite models/Popular models

Recent models

Once a user selects a model, the user can jump to other models with a tag link, 3D image collection link, or the link of the creator name.

HOW ABOUT OTHER INTERNET SHOPS

Name	Description
Amazon.com	When a customer selects certain merchandise, its output filter shows **other recommended merchandise**, **related items**, and **bestsellers** in related categories
YouTube	When a user selects a video clip, the user can find the links of **related videos**, **video responses**, and **other works** from the current video clip creator. Also there is a **subscribe menu** so that users can subscribe videos of a target user
Buy.com	There was nothing much special on Buy.com
Bestbuy.com	There was nothing much special on Bestbuy.com
CIrcuitcity.com	There was nothing much special on circuitcity.com
Ebay.com	There is a link that presents **other items from same seller**
Victoria's secret	There is a link called complete the look, which recommends the pair items, and it shows **other recommended items**

SUGGESTIONS

Subscribe menu

- Once 3D warehouse has a shape as an architecture company, some head architects in certain division would be famous, and there would be some users expecting these architects' new 3D models.

Best downloaded items in related categories

- When a user looks around a model in Asia castle division, it might be useful if there is a tap or box in which users can find the best downloaded models in that category. Users would be informed what models are popular in certain division with this technique.

SUGGESTIONS

Recommended models

- Recommended models present certain models that were chosen by users who downloaded the target model. Usually, users share their interests, so if user A downloaded model X and Y, user B who downloaded model X might be interested in model Y

Compensation

- cyber money

When the users upload or download 3D models

May be used for promotion

UPDATED!! 3D WAREHOUSE PROVIDES

Related Items

Collections containing this model:

Maybe because 3D warehouse is collection based.

Not the notion of related items in other online shopping malls.

It presents in which collections this model belongs to.

Users can jump to another similar items with this, but it is not direct jump; first, users would be led to the collection containing the target model, and they could see other models similar to target model in the given collection.

UPDATED!! 3D WAREHOUSE PROVIDES

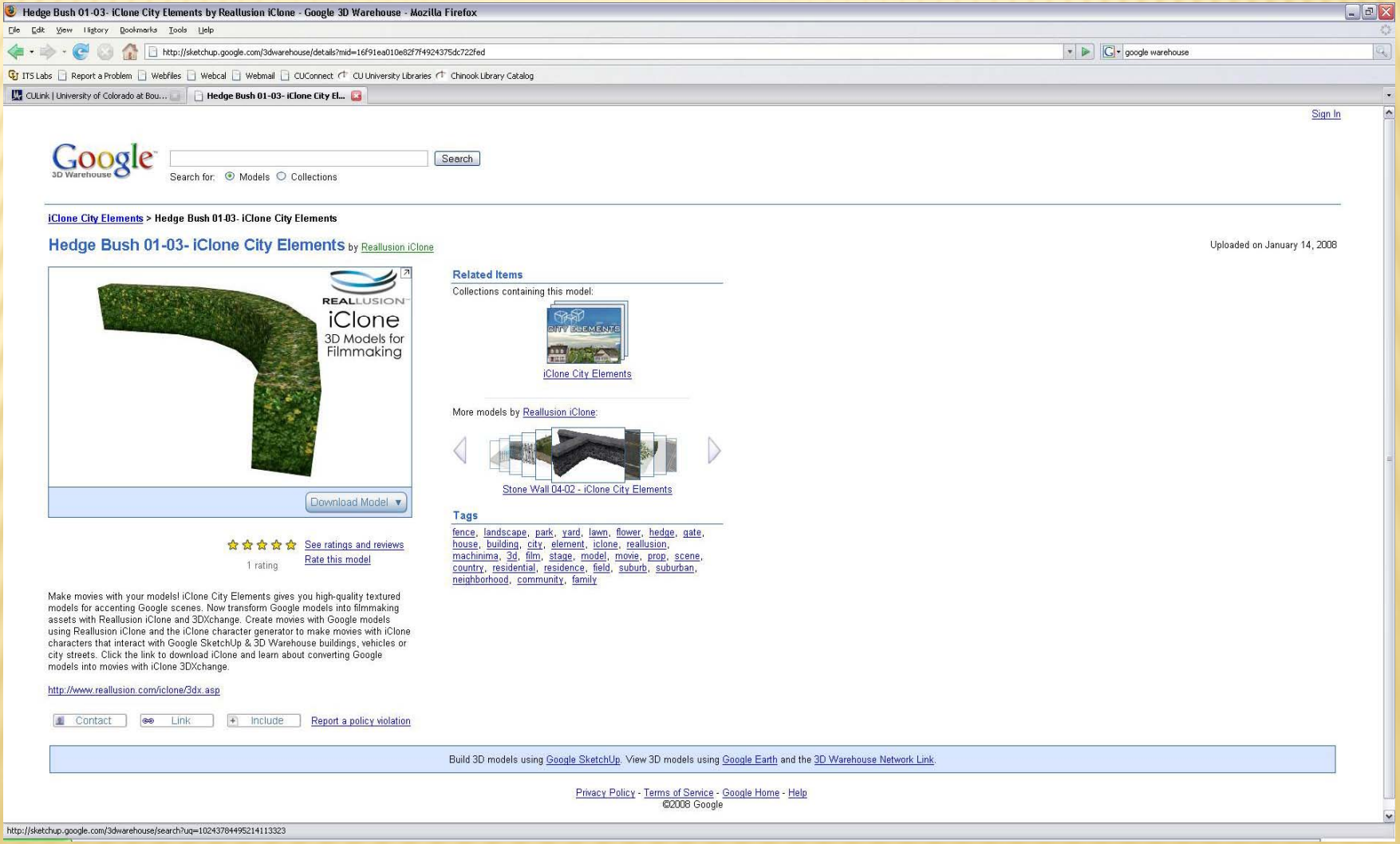
More models by…

Models which are uploaded by….

Model complexity

Complexity is based on the number of polygons in the model

Tags


Hedge Bush 01-03- iClone City Elements by Reallusion iClone - Google 3D Warehouse - Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://sketchup.google.com/3dwarehouse/details?mid=16f91ea010e82f7f4924375dc722fed
google warehouse
ITS Labs Report a Problem Webfiles Webcal Webmail CUConnect CU University Libraries Chinook Library Catalog
CULink | University of Colorado at Bou...
Hedge Bush 01-03- iClone City El...
Sign In
Google 3D Warehouse
Search
Search for: Models Collections
iClone City Elements > Hedge Bush 01-03- iClone City Elements
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Make movies with your models! iClone City Elements gives you high-quality textured models for accenting Google scenes. Now transform Google models into filmmaking assets with Reallusion iClone and 3DXchange. Create movies with Google models using Reallusion iClone and the iClone character generator to make movies with iClone characters that interact with Google SketchUp & 3D Warehouse buildings, vehicles or city streets. Click the link to download iClone and learn about converting Google models into movies with iClone 3DXchange.
http://www.reallusion.com/iclone/3dx.asp
Contact
Link
Include
Report a policy violation
Related Items
Collections containing this model:
iClone City Elements
More models by Reallusion iClone:
Stone Wall 04-02 - iClone City Elements
Tags
fence, landscape, park, yard, lawn, flower, hedge, gate, house, building, city, element, iclone, reallusion, machinima, 3d, film, stage, model, movie, prop, scene, country, residential, residence, field, suburb, suburban, neighborhood, community, family
Build 3D models using Google SketchUp. View 3D models using Google Earth and the 3D Warehouse Network Link.
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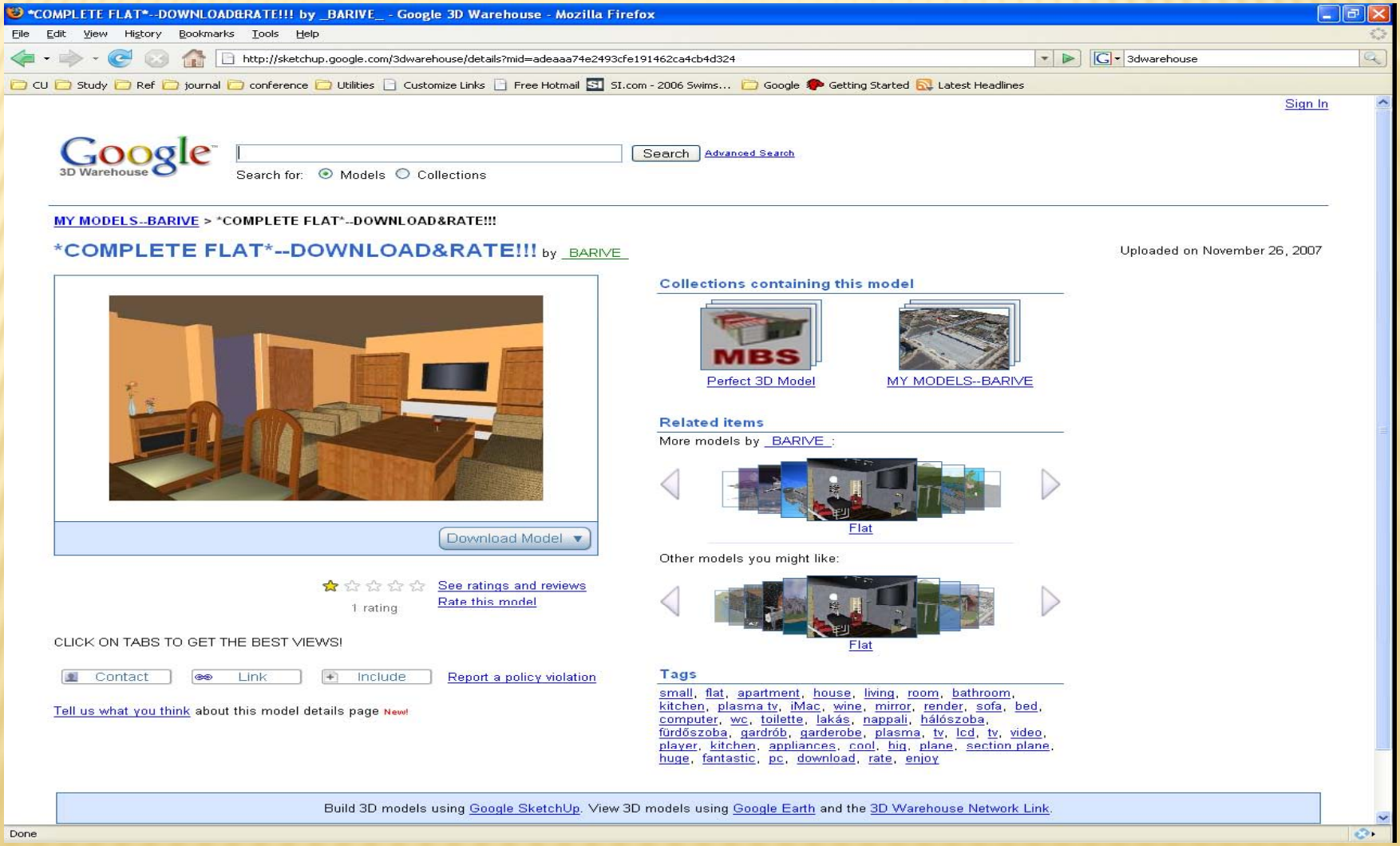
©2008 Google
http://sketchup.google.com/3dwarehouse/search?uq=1024378449521411332

UPDATED!! AGAIN

Other models you might like

-still based on collection

GOOGLE 3D WAREHOUSE



DIFFICULTIES I FACED

Who think faster

- I’m working on it, also they are working on it

Popularity

- only small number of people rate the 3D design model

QUESTIONS?