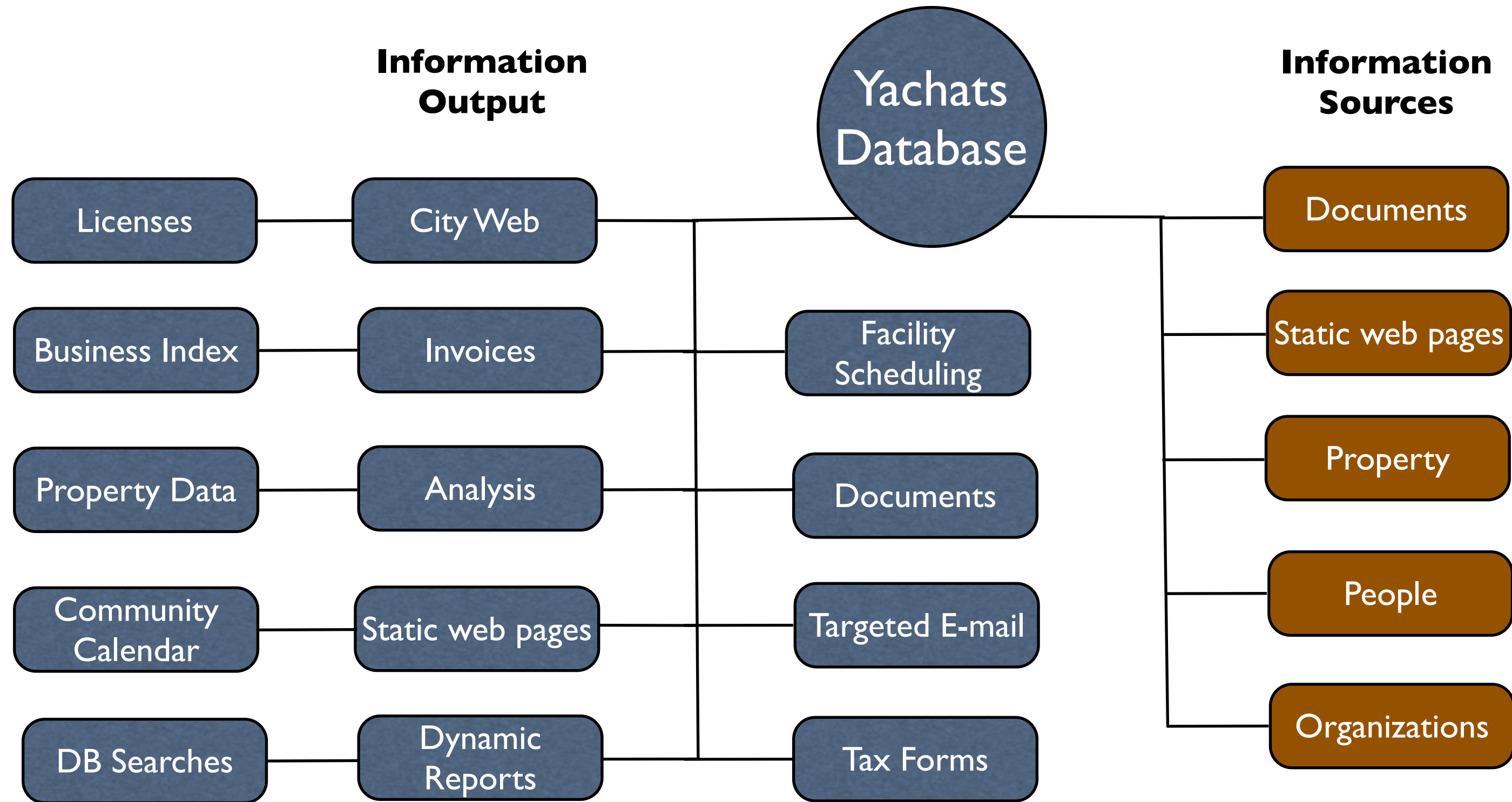


Yachats Database / Web Structure



City of Yachats Database Services

Existing Services

Proposed

Upgrades

Licenses

Searches

Facility
Scheduling

Complaints

Invoicing

Business Index

Static web pages

Document
Library

Service Tracking

Reservations

Property Data

Analysis

Targeted E-mail

Survey Module

Task Tickler
System

Tax Forms

Invoices

Community
Calendar

Vacation Rentals

Database User
Interface

Dynamic
Reports

Business
Licenses

Current Database Services That Are Unavailable

Community
Calendar

Document
Library

Facility
Scheduling

Business Index

Full DB Search

Targeted E-mail

Property Data

Analysis

Tickler Service

Data Integration

Dynamic
Reports

Water
Integration

Application Work That Is Needed

Invoice Upgrade

Reservation System Upgrade

Property Inventory Upgrade

Business License Update - finish

Vacation Rental Tax Upgrade

Document Library Search Update

Complaint System - new

Service Requests Module - new

Task Tickler Module - finish new

Survey Module - new

Web Interface Update

Needed System Upgrades

These upgrades need to be done before any other work

Server Operating System

Database

Comments

Most of the database code is more than 12 years old and badly in need of updating to bring the code base current and improve the user interface. Updating the code base will open new options for other improvements as well as improve security and user ease of access. There are a number of small known design problems that need to be corrected like the situation with vacation rental tax invoices when a property changes hands in the middle of a tax quarter. This will also create an opportunity for user input to be reflected in user interface design changes across all database areas.

The recommended process for moving forward is entering into an intergovernmental agreement with Oregon State University and engaging their database design group to examine the existing code and the scope of work the City of Yachats desires. This would form the basis for an estimate of the cost to complete the project. The city would agree to pay for this review.

If the project work is successful, the Yachats would have the option to continue the agreement with OSU for future work / maintenance. Most of the work would be done by OSU students working under the supervision of OSU staff as part of an internship program. This is the same OSU program used by the Oregon Department of Transportation for all their database work as well as other State agencies and OSU departments.