JACKALOPE

A PRIVACY FOCUSED

SEARCH ENGINE

RESPONSES TO STUDENT FEEDBACK

Difference between Jackalope and DuckDuckGo

Why you need 2 machines

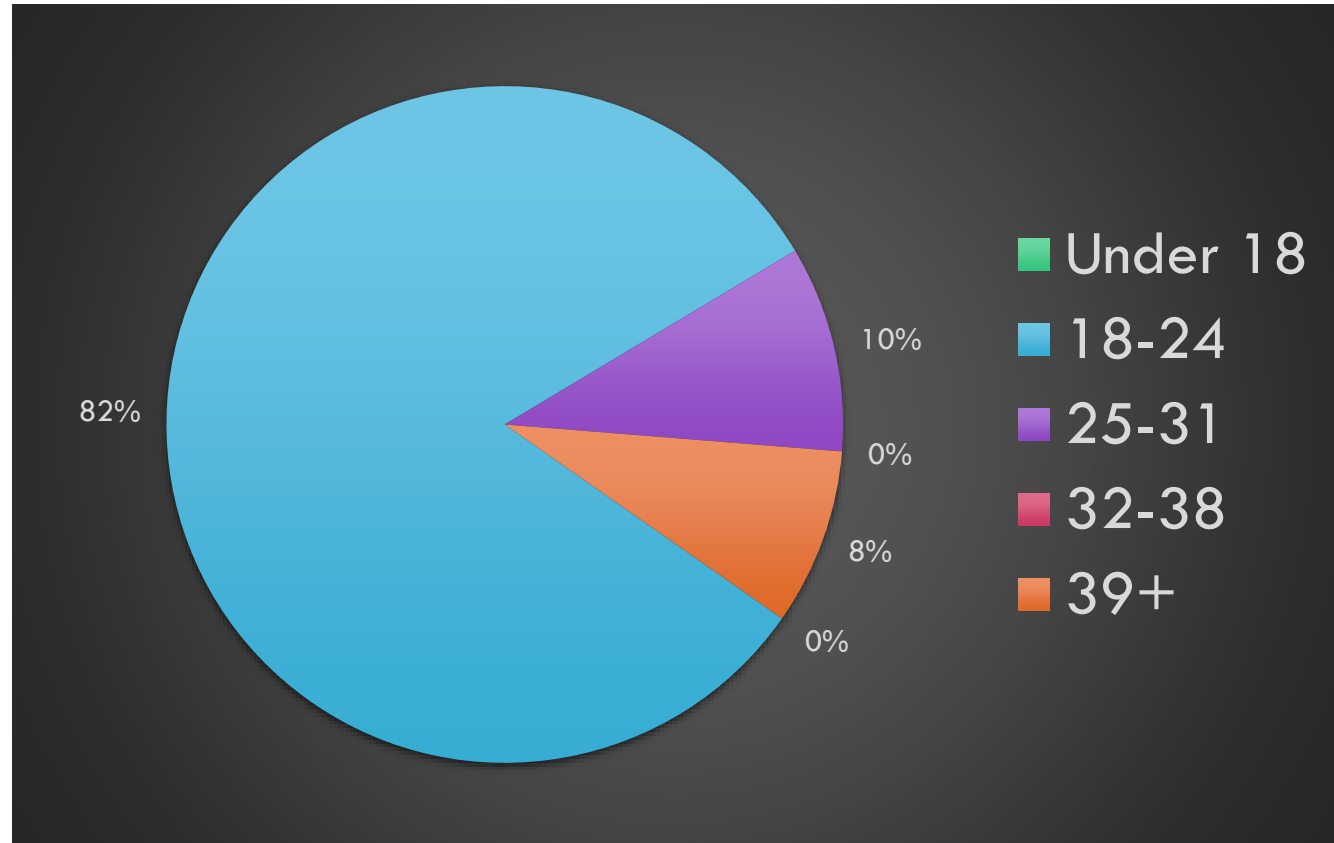Not a web browser nor a website

SURVEY QUESTIONS

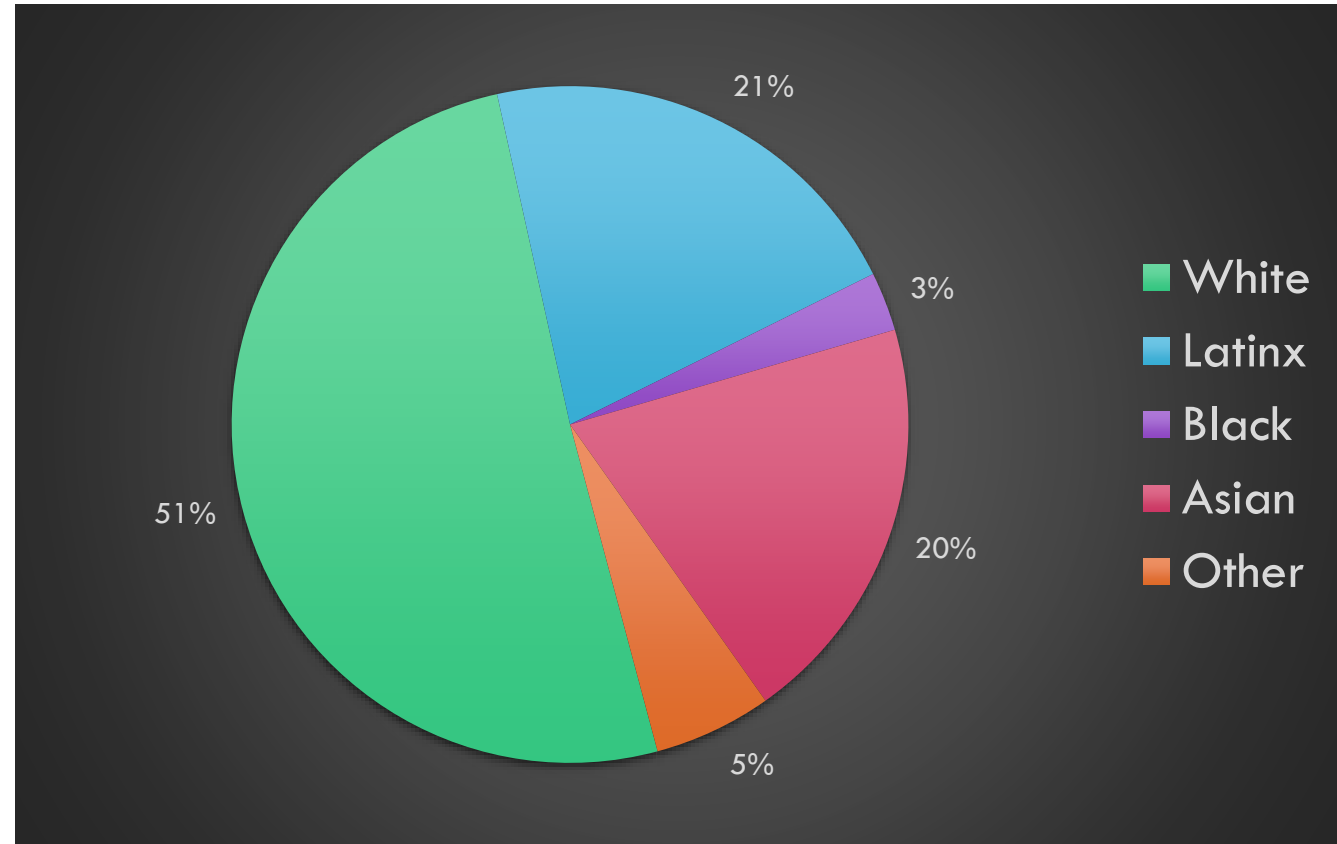## Number of Respondents:

- There were 71 respondents

4 Questions:

- Age Range
- Ethnic Background
- Technology Literacy
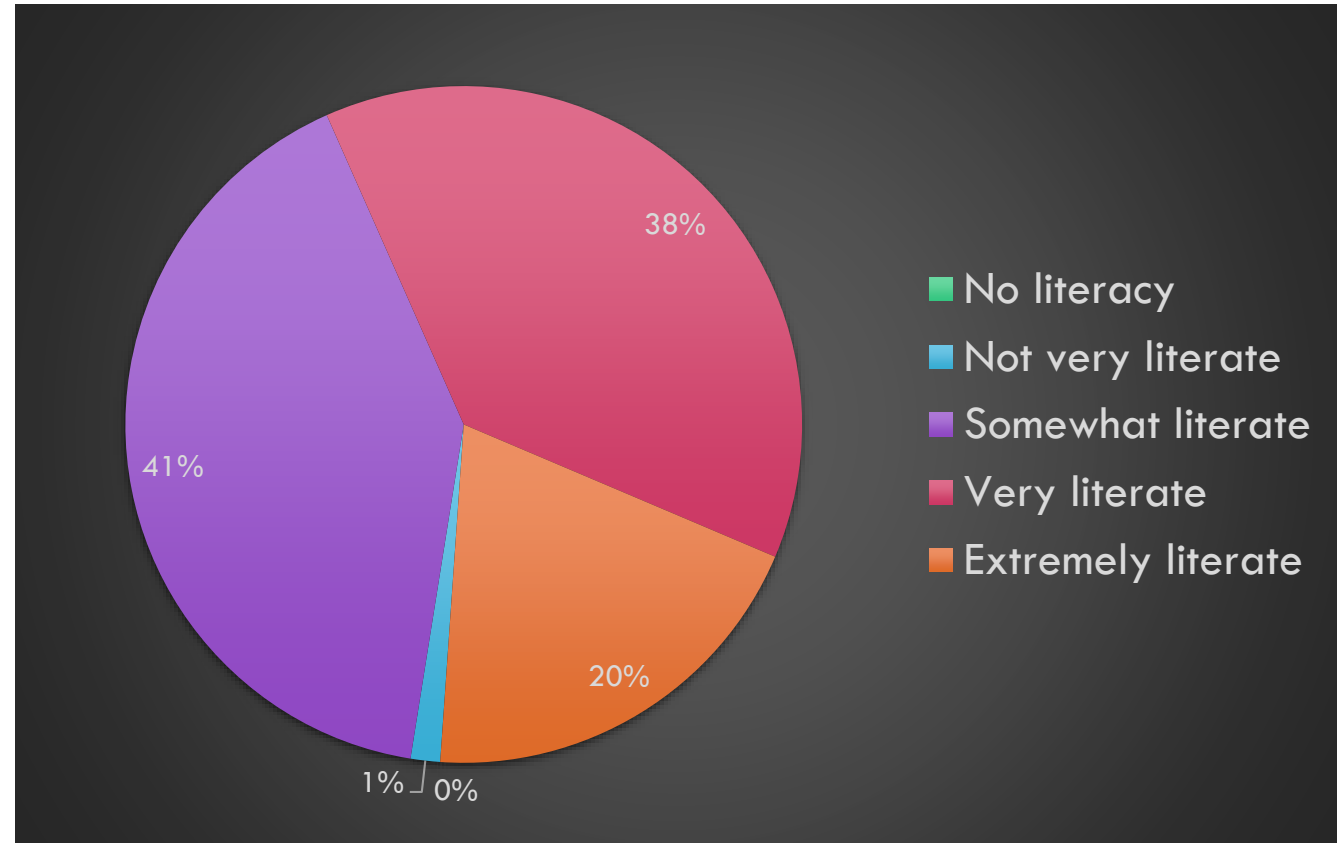- Feelings about Privacy

WHAT IS YOUR AGE RANGE?

WHAT IS YOUR ETHNIC BACKGROUND?

HOW LITERATE ARE YOU WITH TECHNOLOGY?

Pie chart: How literate are you with technology?
- No literacy: 0%
- Not very literate: 1%
- Somewhat literate: 41%
- Very literate: 38%
- Extremely literate: 20%

HOW DO YOU FEEL ABOUT PRIVACY ON THE WEB?
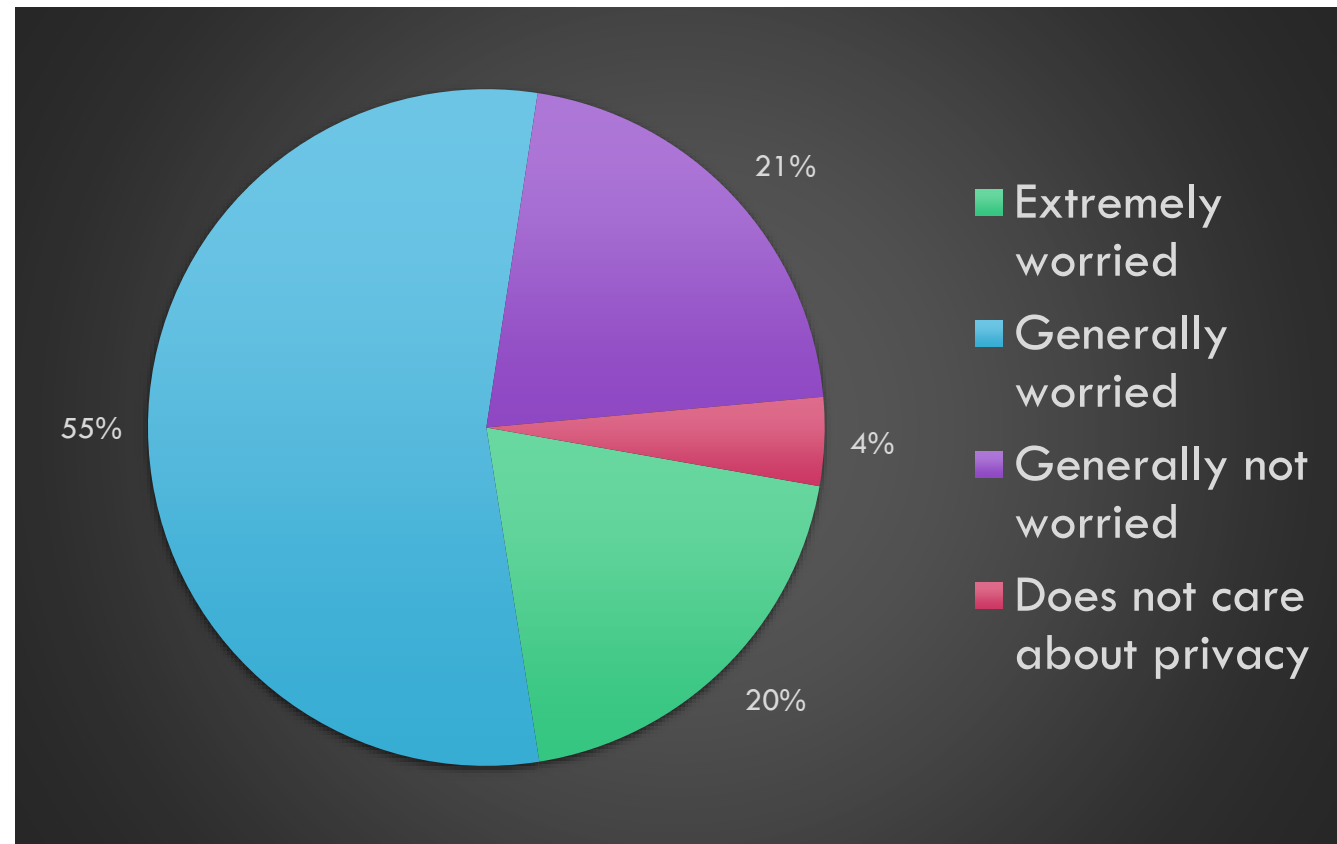
PURPOSE

"Some websites allow hundreds of different data collection companies to watch you, build a profile of you, and serve you ads as you browse the web." – Apple

INTRODUCTION: DEFINITIONS

JSE
- Jackalope Search Engine

JGUI
- Jackalope Graphic User Interface

JCP
- Jackalope Client Program

JSP
- Jackalope Server Program

SCOPE

Products to be created:

- Jackalope Search Engine – Client Program
- Jackalope Search Engine – Server Program

What our project will not do:

- Serve as a web browser
- Sweep the entire internet

OVERVIEW

Private host on user's server

Prevent stored search history

Produce relevant URL links

PRODUCT PERSPECTIVE

System Interface — Wikipedia API

User Interface — Search input box; List of titles and hyperlinks

Software Interface

- WebCrawler – to pull textual information from webpages

- Natural Language Processing – conversion of user input into searchable items

- Client-Server architecture – sending queries to and from client/server

PRODUCT FUNCTIONS

USER REQUIREMENTS

Educational Level: College

Experience: Firm understanding of client/server relations

Technical Expertise: Familiar with installations of Operating Systems

CONSTRAINTS

Scholastic search tool

Discard user search history

Refined information
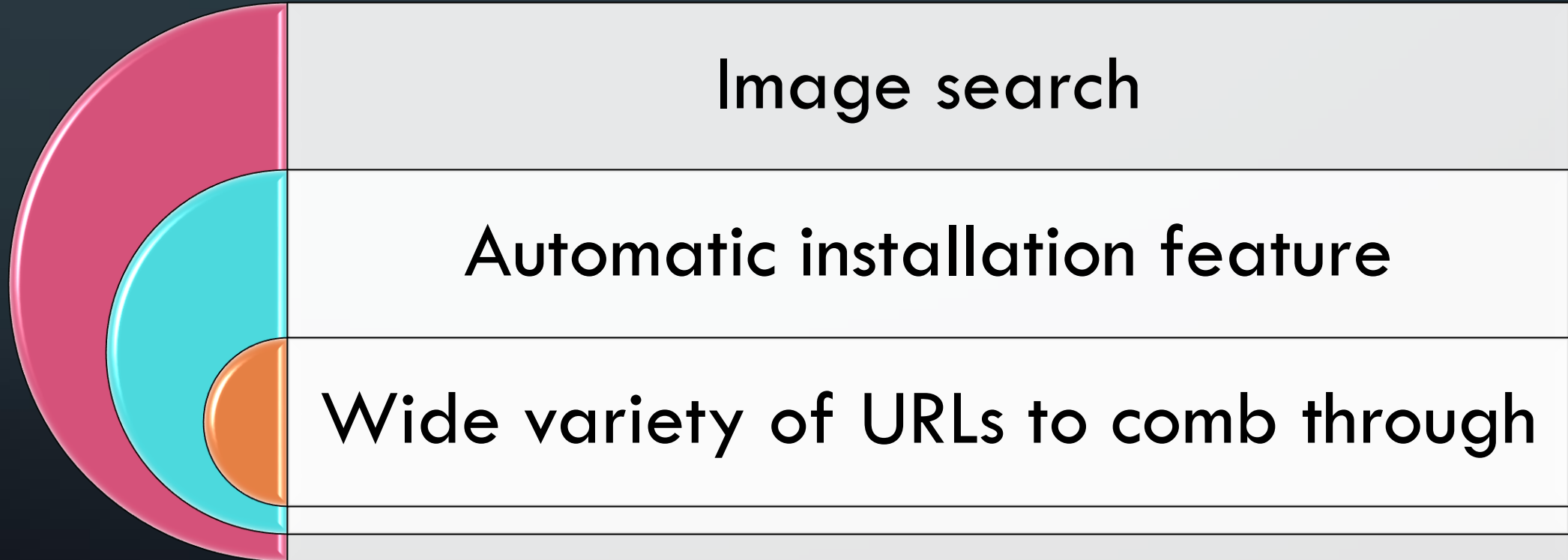
ASSUMPTIONS & DEPENDENCIES

We are assuming:

- Wikipedia is trustworthy
- Our users have a spare decent, mid-grade computer

We are depending on:

- Python
- C++

DELAYED ITEMS

Image search

Automatic installation feature

Wide variety of URLs to comb through

QUESTIONS/IMPORTANT LINKS

- [Apple's Privacy Page](#)

- [Survey Results](#)