Bank E-Alert System (Search Engine)

WU,Ze

Supervised by Professor Xiaofang Zhou

THE DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
計算機科學及工程學系

Introduction

With the rapid development of digital technologies, nowadays, email and short message service (SMS) become the major messages delivery tools in bank system. E-Alert system is designed to handle the whole banking system message delivery tasks.
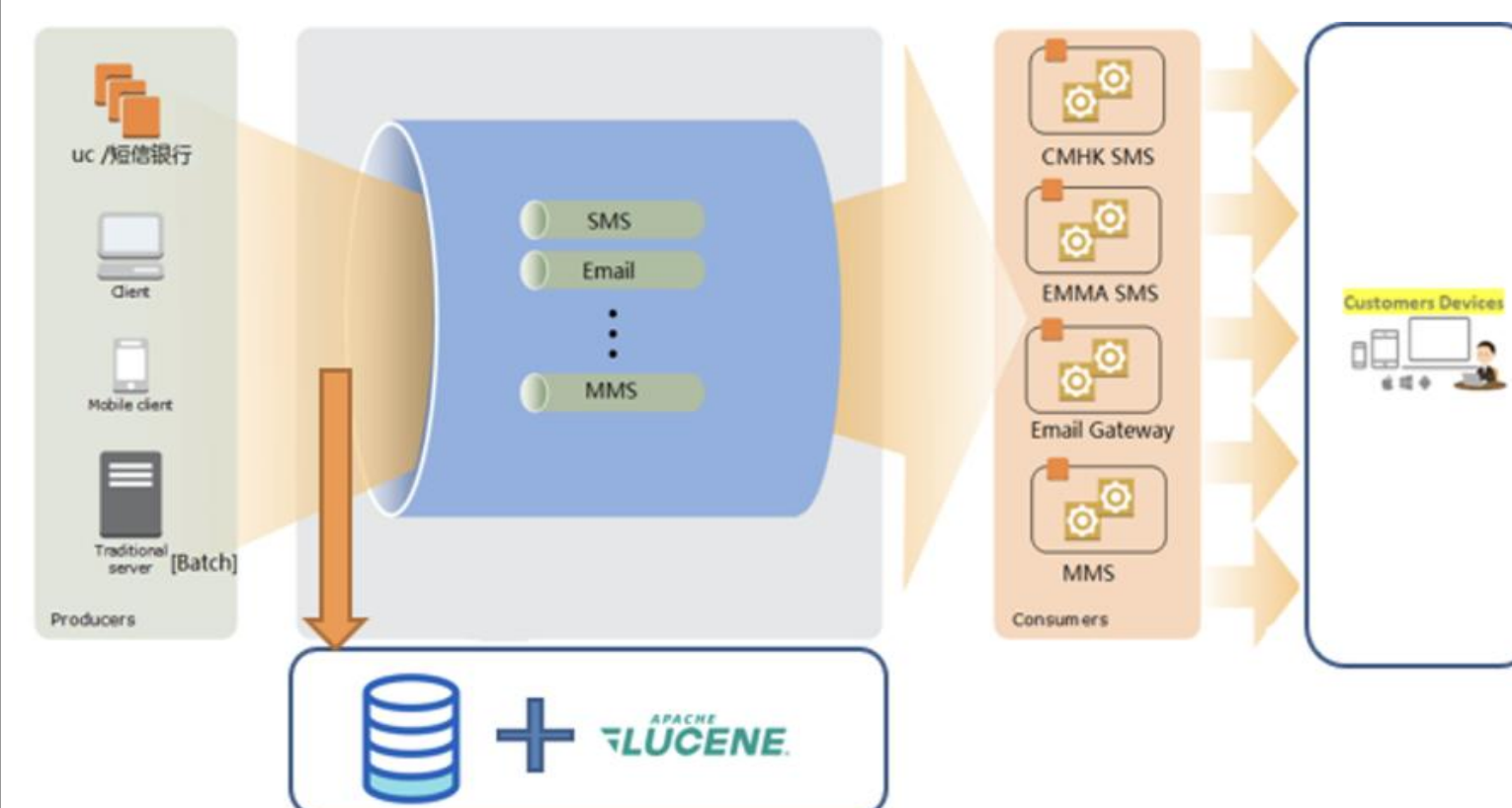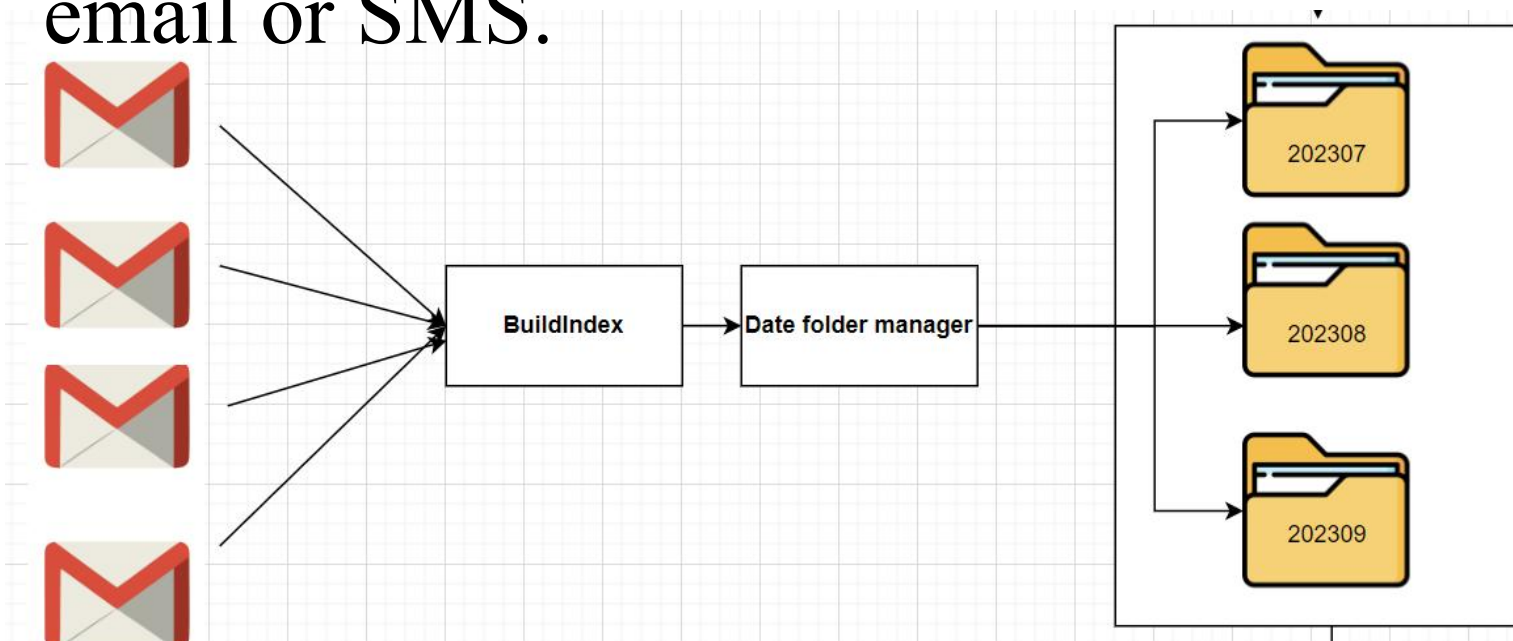
Our Services
24h

Objectives

1. Efficiently manage the Email and SMS records within 7 years.
2. Implement a full-featured text search engine for Email and SMS records.
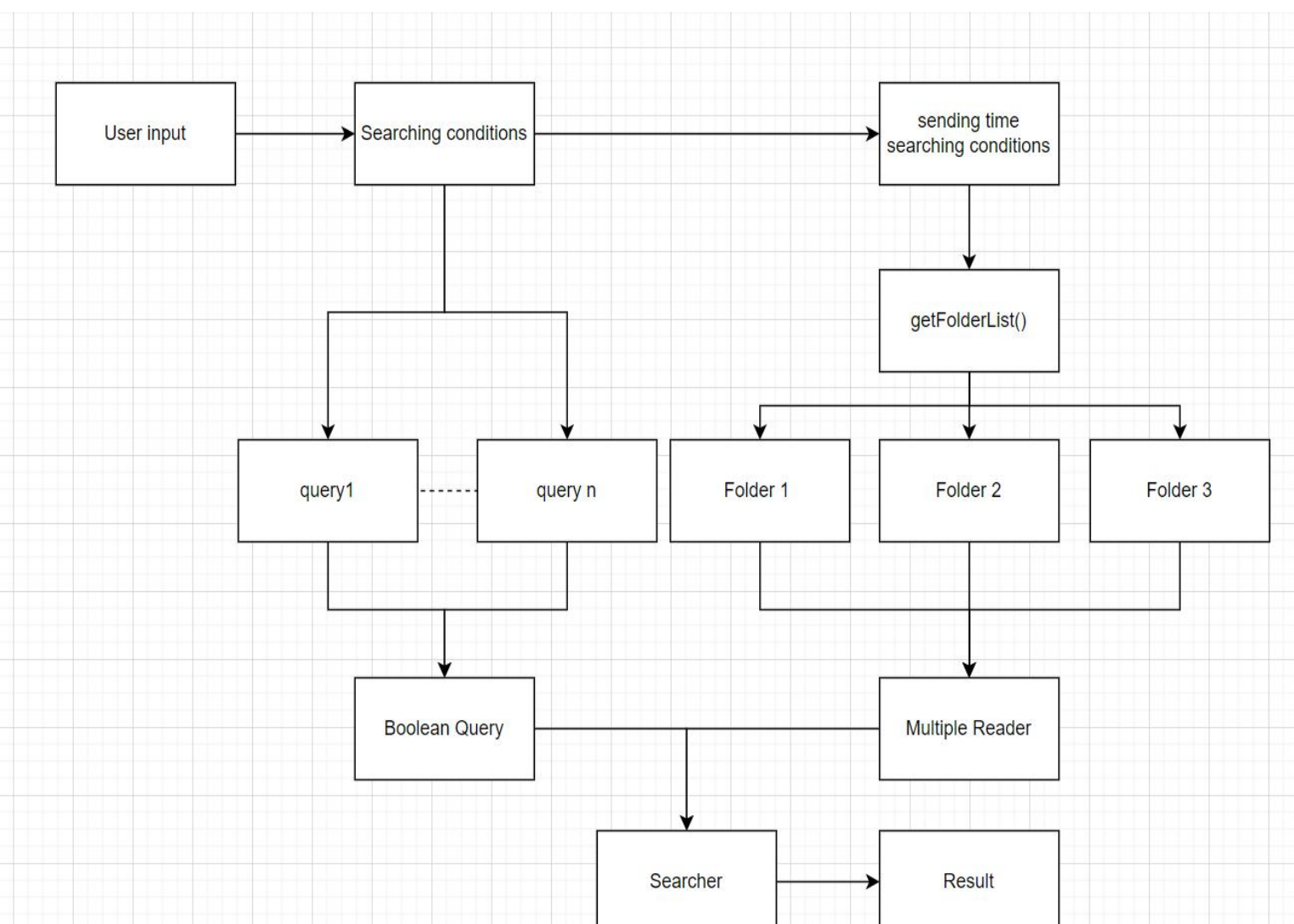
System Overview

Delete Efficient Design

Store the index files in different folders according to the sending time of each email or SMS.

Searching Process

I implement the entire search engine based on the pre-built Lucene index, Apache Lucene provides a well-built algorithm to handle the searching tasks.