

Residence Recommendation System based on Personal Lifestyle and Location-info



Team name: Yep

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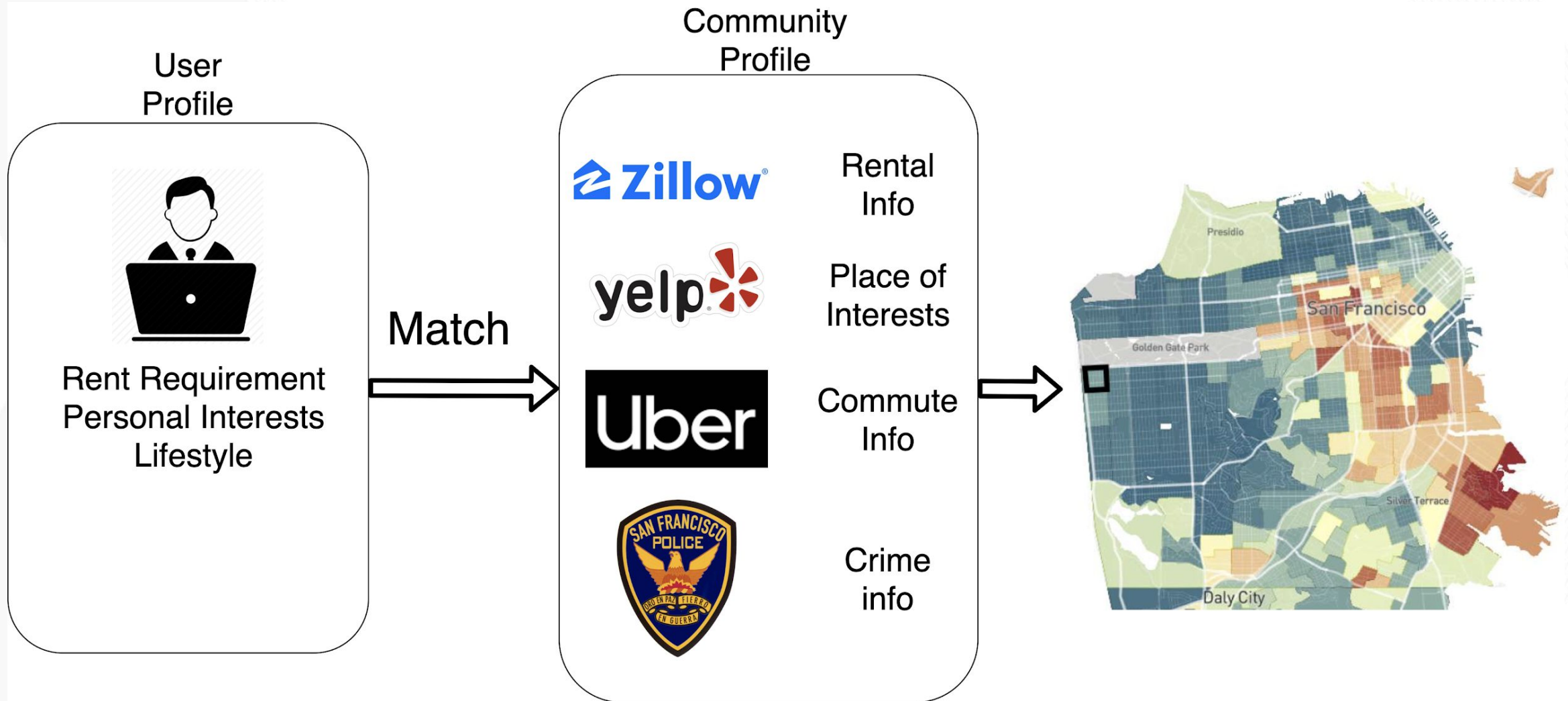
Xiaoxun Liu

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Background

- Who cares: new-coming residents seeking area to live
- Limitations of current solutions:
 - Need to visit multiple websites for multi-preferences
 - Recommendations by local friends
- Our novelty:
 - All-in-one
 - Strongly correlated to personal preference
 - Provide community bonded networks

Approach



Cost

Risks	Disclosure of user's privacy
Payoffs	Users' Satisfaction
Cost	Dataset Cost, Server Cost, Labor Time
How long	~50 days

Timeline

Project Gantt Chart

Tasks	Week 1	Week2	Week3	Week4	Week5	Week6
Data Retrieval and Cleaning	All members	← Dirty/Irrelevant data removed				
Develop Algorithm		All members		← Algorithm provide real-time reliable results		
Construct Database	All members		← Database well structured			
Develop APIs			Xufan/Xiaoxun		← API requests work	
Develop User Interface			Muyang/Changxuan		← UI pleasant and convent to use	
Implement Visulization			Rui/Xingjian		← Visuals reflect insights	
Perform Tests					All members	←A/B tests etc.
Improve and Deliver						All members