Connekt App SRS (Agile)

In the context of the Connekt App project, Agile helps by focusing on the iterative design and development of user-friendly features based on real user needs. Instead of trying to define the entire system upfront, we'll start by developing small, valuable pieces of the app and continuously refine them as we gather feedback from users. The key here is to quickly implement and test features that will make a tangible difference in helping college students plan their future living and work arrangements effectively.

User Stories for Connekt App

In Agile, we use *user stories* to capture requirements, which are simpler and more collaborative than the traditional Software Requirements Specification (SRS) used in Waterfall. Each user story helps the development team understand *what*, *who*, and *why* they are building a feature. The goal is to ensure the development is focused on delivering value to the user, not just completing technical tasks.

Here's how we can structure some example user stories for the Connekt App:

1. Epic: Home Selection Feature

As a college student (future grad),
I want to select my desired home location,
so that I can explore different neighborhoods where I might want to live based on my preferences.

Child Story:
As a new graduate,
I want to input my preferred city or neighborhood in the app,
so that I can start narrowing down possible locations to live that meet my criteria.

2. Epic: Work Location Integration

As a new employee,
I want to input my workplace location,
so that I can find potential homes within a reasonable commute distance based on my job.

Child Story:
As a college graduate,
I want the app to calculate the commute time from various neighborhoods to my workplace,
so that I can find areas that are both convenient to my job and align with my lifestyle.

3. Epic: Multi-location Integration (Home, Work, and Other Areas)

As a college student looking to balance multiple life aspects,
I want to specify multiple locations like my home, workplace, and other key places (e.g., recreation, family, gyms, etc.),
so that I can find a location that optimizes all these needs while meeting my commute time preferences.

Child Story:
As a user,
I want the app to identify and suggest overlapping areas that are within my desired commute distance for all specified locations (home, work, and others),
so that I can choose a place that balances both convenience and quality of life.

4. Epic: Commute Time Preferences

As a user of the Connekt App,
I want to set my maximum preferred commute distance for each of my key locations,
so that the app only shows me homes and neighborhoods that fit within my time and distance constraints.

Child Story:
As a user,
I want to see a visual representation (e.g., map or timeline) of all potential locations that meet my commute preferences,
And a dashboard which represents statistics regarding the area.

5. Epic: Filtering and Customization Options

As a student planning my future,
I want to customize my search based on factors like cost of living, neighborhood amenities, and safety, so that I can prioritize living in a location that matches both my commute preferences and lifestyle needs.

Child Story:
As a user, I want to filter housing options based on factors like affordability, neighborhood ratings, and proximity to public transport,
so that I can ensure the app suggests the best areas to live based on my specific situation.

6. Epic: Indeed and Zillow Integration

As a student planning my future,
I want to be able to view the Zillow and Indeed websites on my platform, so that I can prioritize finding and applying my research to my real life.

Child Story:
As a user, I want to filter housing options based on factors like affordability and availability in the real world so that I can ensure that I can find housing that meets my needs.

Conclusion:

Each of these user stories is structured to give clear insight into *who* the user is, *what* they want to achieve, and *why* it is important to them. The development team will take these stories, have a collaborative discussion with the stakeholders (students, graduates, etc.), and then prioritize and implement them in smaller chunks. Over time, these features will be refined and expanded based on feedback from real users, ensuring that the app delivers the best possible value to its target audience.