What problem are you trying to solve for your users?

Problem that I am trying to solve is the lack of a centralized system that offers primary school rankings according to certain criteria, which users can access via an easy interface. Although the ranking of primary schools is not as easy as the ranking of universities, there are various criteria that can be used in this regard.

The following can be given as examples of these metrics:

- Student Number
- Teacher Number
- Student/Teacher Ratio
- Gender Stats
- Race/Ethnicity Stats
- Average Test Score Stats
- Equity Overview
- Distance to Location
- Facility Rating
- Neighborhood Rating
- Post Graduate Performance
- Parent Reviews and Ratings
- Average Annual Cost
- Overall Ranking

The users should find the nearest schools with filtered parameters on the map (like choosing a nearby hotel with chosen attributes). These filters can be one of the attributes given above. The system should also display tables about some statistical information like change of the scores over the years. The app should display anonymous parent reviews about the schools. These parent reviews and scores should also be used to create the overall score in the school ranking (scoring will be calculated when a certain number threshold is exceeded like 50 parent review). The app should give an information about the post graduate performance of the students (how many of the previous students went to high school after completing the relevant primary school). The users should be able to compare schools according to the data given above (up to three school comparison should be made).

List your users' goals?

The purpose of the users will be to list the primary schools closest to their location via the related interface, reach the ranking scores of these schools and the factors that make up the score, and compare these schools among each other.

What do you hope your user will feel while using your product?

Users should be able to experience the ease of accessing the relevant system from any location via a mobile or web interface. This application should help them to use an objective approach in the decision they make by providing an important decision support mechanism. Users should enjoy being able to reach the answer to many questions that have arisen in their minds with one click.

Problem Statements

- Users should be able to access the list and detailed information of the schools closest to their location on the map, so that they can display all the schools around them with filtered attributes.

- Users need to display these schools and their rankings on the map so that they can get more information about the neighborhood where the school is located.

- Users need to display some statistical information like average test scores over the years on a table so that they can get more information about schools' performance.

- Parents need to write and display reviews about the schools so that they have an opinion about the schools.

- Parents should have an idea about the post graduate performance of the students that graduate from the relevant school to gain an information about the previous student's success.

- Parents need to compare these schools according to their ranking score and the attributes that make up the rankings so that they should be able to see strengths and weaknesses of the compared schools.

User Stories

- As a parent, I want to access the list and detailed information of the schools closest to my current location, so that I can choose a primary school for my children based on this data.

- As a mother, I want to display primary schools and their rankings on the map so that I can get more information about the neighborhood where the school is located.

- As a father, I want to compare primary schools according to their ranking score and the attributes that make up the rankings so that I should be able to see strengths and weaknesses of the compared schools.

- As a parent, I want to bookmark schools that I like so that I can easily access them later.

Results

My problem statement and the user stories follow the suggested structure. My problem statements are clear, specific, and concrete. Many of my user stories are specific to a feature of my product. All my user stories are actionable (If there are API's that provide detailed information given above, building the app is technically feasible)

Functional Requirements

1. Schools should be displayed on the map. And users should filter them according to their attribute rankings.
2. There will be a school comparison feature on the app. Users will be able compare up to three schools.

Nonfunctional Requirements

1. The application should have an easy-to-use interface
2. The accuracy and the reliability of data on the app should be checked by a central authority (especially parental reviews)