Individual Work: Pattern Recognition Innovations

This assignment asks you to learn the outstanding application solutions of Pattern Recognition in recent years (from 2018 to the present).

Please choose a solution that interests you the most and report your findings.

1. (3pts) Overview description of the selected solution
   - Which problem is this solution address?
   - Who develops this solution, and who are potential users?
   - A brief development history
   - References to scientific articles, app homepage, demo demonstration, etc., as evidence
2. (3pts) List key features of the solution while emphasizing the functions that demonstrate pattern recognition. If you know the corresponding algorithms, state them.
3. (2pts) Evaluate the pros and cons of the solution and its potential in the future.
4. (2pts) Identify at least two solutions with similar functionalities, and briefly describe them (2-3 sentences per each).

Note that

 This is a INDIVIDUAL assignment.

 The report content should be 2-3 pages, excluding the cover page.

 Use images, tables, etc., to illustrate the problem more visually and vividly.

 Do not copy or translate the original content.