

P4: Design Requirements

Team Spotlight

A List of all design requirements:

1. Allow users to educate, learn, and share original choreography.
2. Allow users to track their progress.
3. Provide users with an accurate representation of the dances they have completed.
4. Allow users to feel safe when sharing their dances.
5. Provide a way for users to better memorize a set of dance moves.
6. Allow users to record and track their dance moves.
7. Allow users to give and receive feedback.
8. Provide a way for users to gain inspirations.
9. Allow users to target specific dance moves to practice.
10. Allow users to converse with each other.

Design Requirements	Data	Functional	Contextual
Allow users to educate, learn, and share original choreography	Original dance moves created by users, posters, viewers	View, highlight specific frames of movements, put into collection	A user base, a platform on which to share dance moves
Allow users to track their progress	Consistency of movements, critiques from other dancers	View and compare data over time, users can set and meet a specific goal	Database, other users
Provide users with an accurate representation of the dances they have completed	A virtual representation of users, motion tracking, speed, position	Compare past and current virtual recordings of their dancing to spot areas for improvement, play, pause, fast-forward, and rewind	Motion tracking device, display interface
Allow users to feel safe when sharing their dances	Profile, user's feeling of safety, user privacy preferences	Choose between having a public or private profile	Privacy settings

Provide a way for users to better memorize a set of dance moves	Sets of dance moves, divided sections of a dance routine, emotions associated with the dance moves	Select which dance move is most easily forgotten, set reminder, prioritize some sections of dance moves	Notifications, tutorials for users to select
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Design Requirements	Action	Object	Context
Allow users to record and track their dance moves	Track and record	Movements in space	For daily practice and rehearsals
Allow users to give and receive feedback	Share	Recording of the movement	Internet, app, online community
Provide a way for users to gain inspirations	View	Tutorials/movement/critiques from other dancers	Internet, app, online community
Allow users to target specific dance moves to practice	Highlight/create keyframe/analyze	Specific dance moves	Dancing videos from other users
Allow users to converse with each other	Input text, voice, and video comments	Comments	Under a specific video, on a user profile