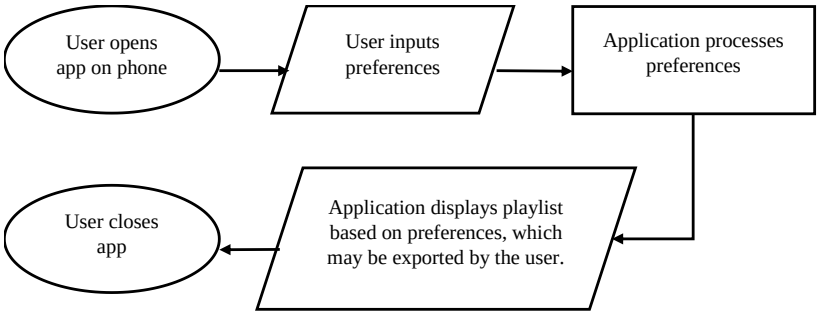
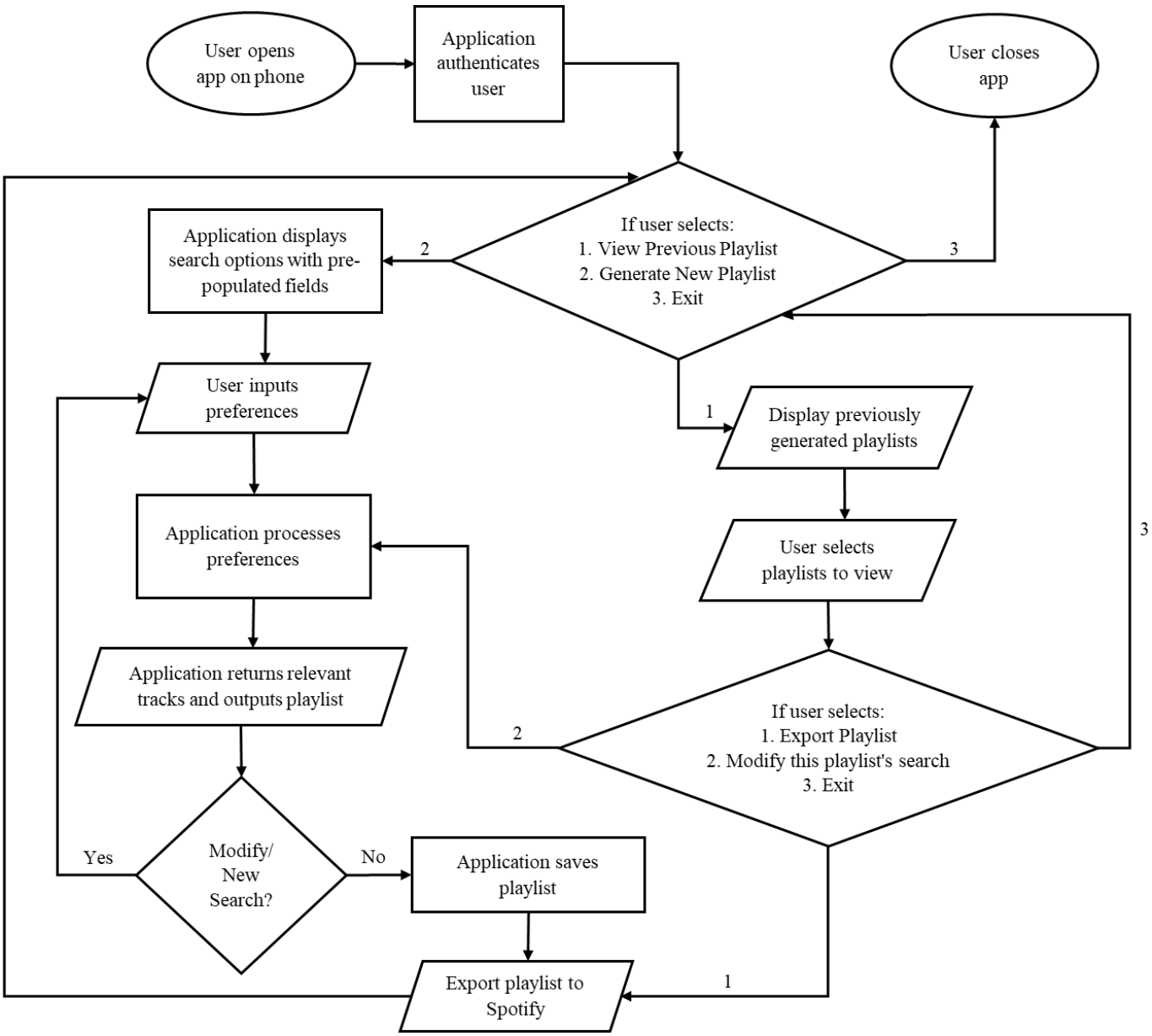
Design Diagrams

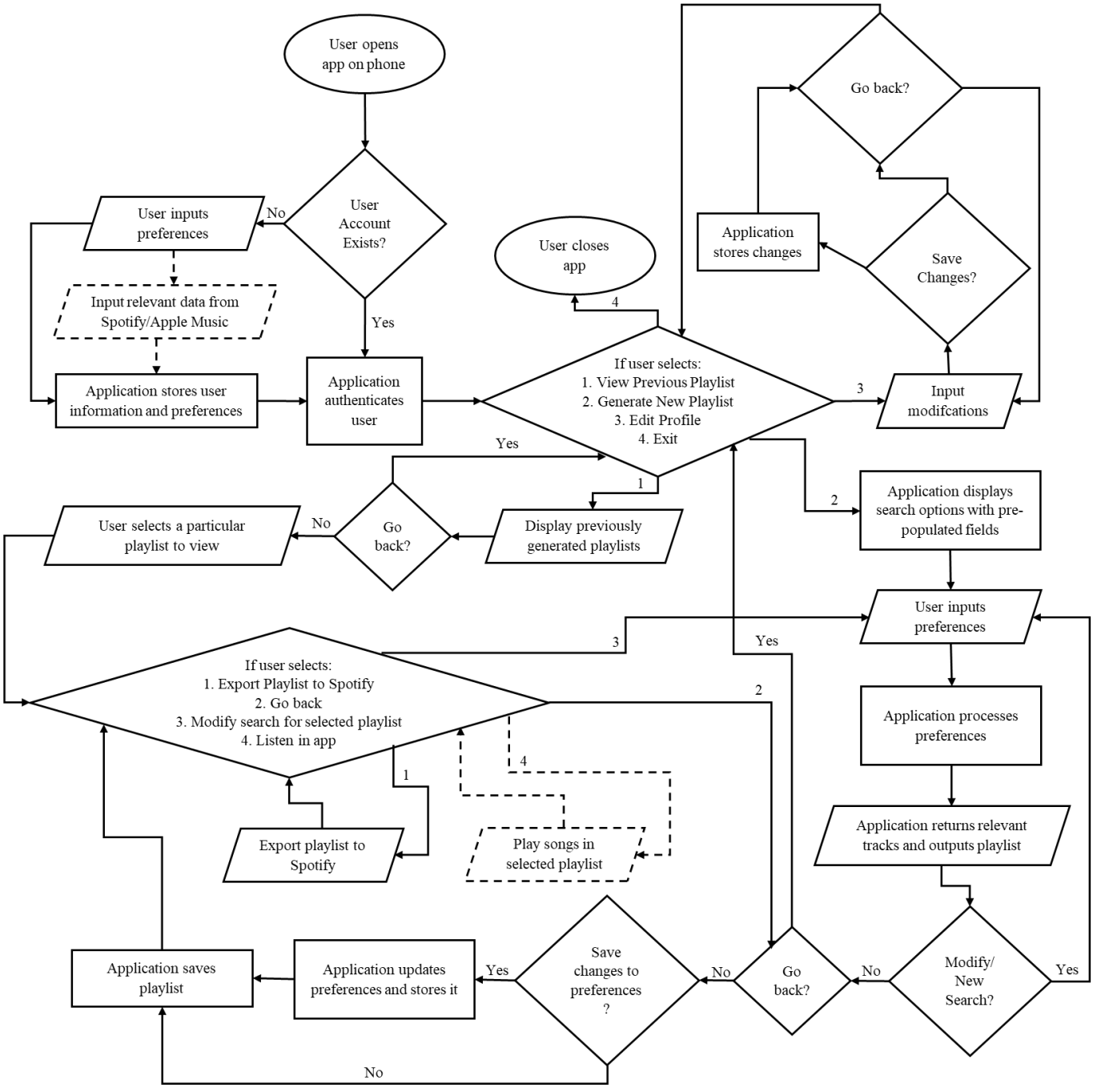
D0



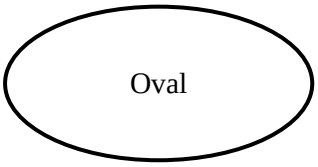
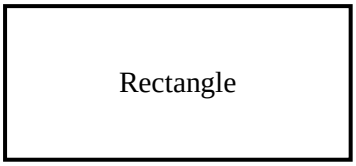
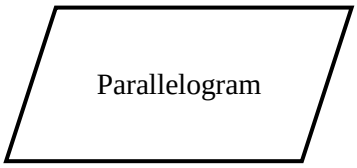
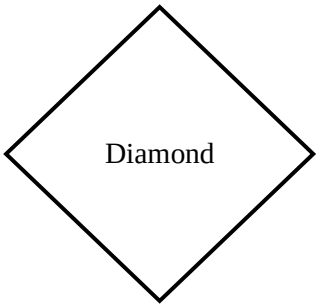
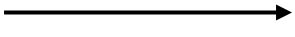
D1



D2


User opens app on phone
User Account Exists?
No
User inputs preferences
Input relevant data from Spotify/Apple Music
Yes
Application stores user information and preferences
Application authenticates user
User closes app
4
If user selects:
1. View Previous Playlist
2. Generate New Playlist
3. Edit Profile
4. Exit
3
Input modifcations
Save Changes?
Application stores changes
Go back?
Yes
1
Display previously generated playlists
Go back?
No
User selects a particular playlist to view
2
Application displays search options with pre-populated fields
User inputs preferences
Application processes preferences
Application returns relevant tracks and outputs playlist
Modify/ New Search?
Yes
No
Go back?
No
Save changes to preferences ?
Yes
Application updates preferences and stores it
Application saves playlist
No
3
If user selects:
1. Export Playlist to Spotify
2. Go back
3. Modify search for selected playlist
4. Listen in app
2
1
Export playlist to Spotify
4
Play songs in selected playlist

Symbols and Conventions

Shape	Description
 Oval	Terminator, used for indicating the start/end of a process.
 Rectangle	Used for indicating process steps
 Parallelogram	Used for indicating inputs and outputs.
 Diamond	Used for indicating decisions, alternative process routes.
 Arrow	Used for indicating directional flow.
Solid Line	Used for indicating Requirements (refer Task List).
Dashed Line	Used for indicating Deliverables (refer Task List).